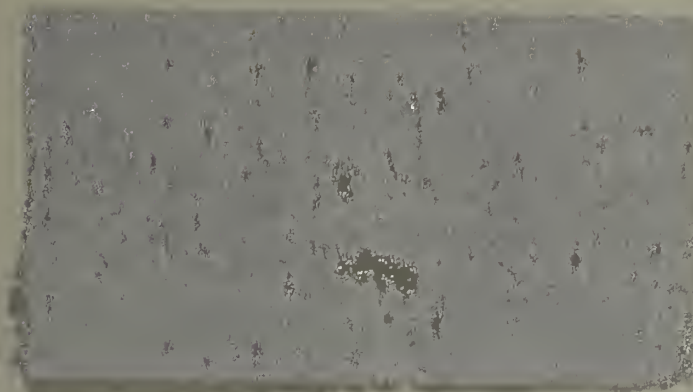




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# **INTERACTION OF ALCOHOL AND OTHER DRUGS**

SUPPLEMENT 1



**ADDICTION RESEARCH FOUNDATION**  
Toronto, Ontario, Canada



INTERACTION OF ALCOHOL AND OTHER DRUGS

SUPPLEMENT I

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INTERACTION OF ALCOHOL AND OTHER DRUGS

SUPPLEMENT I

A bibliography of the scientific literature on the interaction of ethanol and other chemical compounds normally absent in vivo, the influence of congeners in alcoholic beverages, conjunctive use of ethanol plus other drugs, and cross-tolerance between ethanol and other compounds

Compiled by

T. H. Barnes

Assisted by

S. Price

R. J. Hall, Series Editor

ADDICTION RESEARCH FOUNDATION

Toronto, Ontario, Canada



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Knowledge is of two kinds: we know a  
subject ourselves, or we know where  
we can find information on it.

Samuel Johnson



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## EDITOR'S PREFACE

It has been said of the 2nd edition of Interaction of Alcohol and Other Drugs that "the compilation must have been a Herculean task and its proof-reading a nightmare," and so it was. The planning, collection, annotation, indexing, and proof-reading occupied much of the time of the compilers for a period of more than 5 years. In the preface, it was noted that the publication marked "the beginning of a phase of publication of 'new style', regularly updated, computer-produced bibliographies in the field of research on non-medical drug use." Even though computer production of this first Supplement and its annotation is prohibited by cost, it has the distinction of being the first updated bibliography in the series.

When planning a bibliography of this type, it is extremely difficult to estimate the time necessary to conduct the required searching, let alone the completion of the project. Target dates for bibliographies are often passed and revised, passed and revised . . . . In the case of the Supplement, the target date was firmly fixed and the compiler worked with that date in mind. The task was more reasonable this time by virtue of the fact that the main bulk of retrospective searching had been completed for the previous edition. The coverage in the Supplement of very recently published literature is extensive, even more so than in the 2nd edition, and, with only some exceptions, the articles were all published within the last 5 years. The searching has been exhaustive in that more than 5,000 references were obtained, and more than 1,000 papers were read.

This supplement is not only the first updated bibliography in the series, but it marks the beginning of what may be termed "planned bibliographies". This question of setting target dates for bibliographies without compromising quality or completeness is becoming a concern even for organizations which do not deal in profits. In the past, such a date may have been a "hope" for completion, but now it is a firm commitment for funding. Through our experience in the past year, it seems to be possible through a series of formulae to arrive at a date of expected completion for a work of this type, and, with further modification and experience, it may be truly possible to set realistic target dates without compromising quality or completeness.

In view of the present very great interest in this subject, evidenced by the unprecedented research productivity which has occurred in the recent period (following a truly exponential course), it was considered most urgent that persons working in the field be alerted to new material at the earliest possible moment. For this reason, it was decided that the benefit of the inclusion of abstracts in this case would be offset

by the considerable time-lag involved. Aside from speed of publication, exclusion of abstracts is compensated as well by the presence of sufficient descriptors and indexing to assist the user, by the fact that the bulk of the material of these last few years is overwhelmingly in the English language, and (as mentioned below) by the almost instant availability of the full text of this literature in a new format.

In the near future, the articles which have been cited in both the 2nd edition and Supplement will be available on 4" x 6" microfiche with full citations in eye-readable form. Again, it is hoped that production of bibliographies and microfiche will occur on a specified date.

In producing a bibliography of this type, credit is not only due to the compilers, who in this case have expended much energy to produce this work, but also to the individuals who have supported them. We are grateful to Dr. J. Marshman for her generous consultative assistance, to Mrs. B. Merritt and Mr. O. Pergl for their perseverance in obtaining the required references, and to the remaining Library staff, without whose help this work would have been delayed.

September 1, 1973

ARF, Toronto

R. J. Hall

Librarian

## INTRODUCTION

### I. Aim, Scope, and Extent of Coverage

This bibliography supplements and up-dates the extensive coverage of the subject given in Interaction of Alcohol and Other Drugs, 2nd ed. rev. (1972), and continues the citation numbering of the latter work.

As in its predecessor, the aim has been to give as comprehensive as possible a coverage of all scientific papers published in any language on the subject of alcohol interactions, as well as studies on congener beverages, conjunctive use of alcohol plus other drugs, and cross-tolerance between alcohol and other compounds.

The range of literature contained includes research studies, clinical reports, review articles, papers concerned with medico-legal implications, and commentaries of all kinds, including letters to the editor. In compiling the bibliography, the position has been adopted that evaluation in a complex work of this nature should and must rest with the reader. Therefore, generally speaking, no evaluation of any article has been made, and all scientific papers which discuss the subject directly or indirectly have been included.

### II. Subjects Included

#### A. Interaction of ethanol with other drugs

Included were papers dealing with the following:

1. Interaction of ethanol with other compounds (usually, but not exclusively, those which are not normal body constituents), and the effects of this interaction upon the functioning (physiological, biochemical, and behavioural) of intact humans, animals, and micro-organisms, and upon isolated functional systems, both cellular and sub-cellular.
2. Clinical reports concerning short-term treatment of the acute alcoholic situation--eg., acute intoxication, acute poisoning, and alcoholic coma.
3. Unexpected side-effects occurring in conjunction with alcohol consumption during drug therapy.
4. Studies concerning tests to determine blood alcohol levels, if substances purportedly influencing the blood alcohol level were involved.
5. Drug-induced sensitization or intolerance to alcohol, with respect to reactions resulting from accidental exposure to a sensitizing compound, or to unexpected side-effects of drug treatment for a given medical condition.

Excluded were papers concerning:

1. The effects of other compounds on secondary physiological consequences of ethanol ingestion.
2. Long-term treatment of alcoholism.

3. The influence, on blood alcohol measurements, of substances which cause false positive determinations only (in contrast to actual reported influencing of the blood alcohol level).
4. Sensitization drugs commonly used for alcohol therapy (eg. , disulfiram), except when other drugs are also mentioned.

B. Effect of alcohol on drug-metabolizing enzymes, or of drugs on alcohol-metabolizing enzymes or enzyme systems

C. Congeners in alcoholic beverages

Mainly, but not exclusively, included were studies which compared congener beverages to pure ethanol solutions or vodka.

D. Conjunctive use of alcohol plus other drugs

In a few cases, the coverage was broadened to include the sequential use of alcohol and other drugs, where there were indications of the use of one substance predisposing towards the use of another.

E. Cross-tolerance between ethanol and other drugs

### III. Types of Information Provided

A. References

Titles are listed alphabetically according to the first author. The complete information for every title is given, including the number of references cited by the authors. The titles of non-English language articles are given in the original language, followed by an English translation in square brackets. All journal titles are given in full; for the sake of consistency, the capitalization of the titles of non-English-language journal titles has been conducted according to standard English-language practice. The name of the place of publication is listed, foreign place names being given in the English-language version.

B. Key Word Terms

Following each citation are abbreviated key word index terms which provide information such as: language of publication, type of paper (eg. , experimental, review, etc. ), subject area of the cited paper (eg. , conjunctive use, medico-legal, etc. ), kinds of experimental subjects used, anatomical components or physiological processes affected by interaction, and broad subject groupings of compounds listed which interact with ethanol.

C. Drug Names

The names of all relevant drugs mentioned in each paper.

D. Accession Numbers

Because all papers listed in the bibliography are being transferred to microfiche so that they will be available



to requesters, each bibliography item has been assigned a permanent, unique accession number (eg., A-1237, B-0250), whereby it can be easily identified.

#### E. Author Index

#### F. Key Word Index

The Key Word Index is a cumulated listing of all items to which each of the 78 key word terms has been applied.

#### G. Index of Interaction Drugs

The drug index is a list of all individual drug names or drug group names mentioned in the papers.

The drug names are cross-referenced according to information obtained from the following standard works: E. E. J. Marler, Pharmacological and Chemical Synonyms, 4th ed. (Amsterdam: Excerpta Medical Foundation, 1967); M. Negwer, Organische-chemische Arzneimittel und ihre synonyma (Berlin: Akademie-Verlag, 1966); and P. G. Stecher, ed., The Merck Index, 8th ed. (Rahway, N. J.: Merck and Co., Inc., 1968). In the code used for the index, one of the letters listed below appears in parentheses after the drug name:

R -- recommended International Non-proprietary Name (W. H. O.)

P -- proposed International Non-proprietary Name (W. H. O.), British Approved Name, or United States Approved Name

C -- chemical and/or common name

N -- drug name which could not be verified in any of the above reference works

In cross-referencing, the recommended International Non-proprietary Name (R) is preferred as the standardized form, while the proposed International Name (P) is the second choice, the chemical and/or common name (C) is the third choice, and the unverified name, naturally, is fourth. The numbers of entries in the bibliography text are listed only under the most-preferred, or highest-choice drug name.

If possible, combination drugs have been verified in C. O. Wilson and J. E. Jones, eds., American Drug Index (Philadelphia: J. B. Lippincott, 1964). If a combination drug is not listed in this source, the composition has been determined from the article itself, and is given in parentheses. A plus sign (+) following the last component indicates that not all parts of the composition could be found.

### IV. Abbreviations Used

#### A. Languages

A -- Afrikaans

E -- English

C -- Czech	F -- French
D -- Dutch	Fi-- Finnish
Da-- Danish	G -- German
H -- Hungarian	R -- Russian
I -- Italian	Ru-- Rumanian
J -- Japanese	S -- Swedish
N -- Norwegian	Se-- Serbo-Croatian
P -- Portugese	Sp-- Spanish
Po-- Polish	T -- Turkish

## B. Summaries in Other Languages

All foreign-language papers with a summary in a second language are indicated, as in the examples below:

- ES -- English summary
- FS -- French summary
- GS -- German summary

## C. Key Word Term Abbreviations

### Qualification of Paper

- |        |   |
|--------|---|
| 1. SEC | secondary article (article in which the main aim is not to investigate or discuss the interaction of ethanol with other compounds, but some oblique reference to combined effects is made, or else the space pertinent to ethanol interaction is a relatively small part of the whole text) |
|--------|---|

### Type of Paper

- |                |  |
|----------------|--|
| 2. abst.       | abstract only  |
| 3. exp. cont.  | experimental study, controlled                                       |
| 4. exp. comp.  | experimental study, comparative                                      |
| 5. exp.        | experimental study, other than items 3 and 4                         |
| 6. general     | general paper, with no original experimental or statistical research |
| 7. review      | review of literature   |
| 8. stat. surv. | statistical research or survey                                       |

### Subject of Paper

- |                   |  |
|-------------------|--|
| 9. case hist.     | case histories   |
| 10. congen. stud. | congener studies   |
| 11. conj. use     | conjunctive use (use of alcohol plus other drugs-- occasionally applied to predisposing sequential use of alcohol and other drugs) |
| 12. cross-tol.    | cross-tolerance  |

13. DC (antidotal)	drug combinations--antidotal use in clinical treatment (exclude item 14)
14. DC (decrease)	drug combinations--decrease of drug effects (exclude item 13)
15. DC (supra-add. incr.)	drug combinations--supra-additive (more than additive) increase of drug effects (if specifically stated as such in the paper)
16. DC (add., infra-add., unspcc. incr.)	drug combinations--additive, infra-additive (less than additive), or unspecified increase of drug effects
17. DC (unchanged)	drug combinations--unchanged drug effects
18. DC (unspec.)	drug combinations--unspecified drug effects
19. DC (sensit.)	drug combinations--sensitization or intolerance to alcohol
20. drug metab. enzyme syst.	drug metabolizing enzyme systems--effects of alcohol on drug-metabolizing enzymes, or of drugs on alcohol-metabolizing enzymes or enzyme systems
21. med. -leg.	medico-legal
22. mot. vehic.	operation of motor vehicles or simulators (including all forms of surface and air motor transport)
23. post-mort.	post-mortem findings in interaction poisonings

#### Subjects or Beings Affected

24. humans	humans, healthy or to whom item 25 does not apply
25. drug-dep. humans	humans, drug-dependent or drug-dependence-prone
26. mammals	mammals (excluding humans)
27. other org.	other organisms

#### Drug Administration in Experimental Studies

28. acute admin.	acute administration
29. chronic admin.	chronic administration
30. in vivo	in vivo (drug administration used as criterion)
31. in vitro	in vitro (drug administration used as criterion)

#### Results of Drug Intake in Experimental and Non-Experimental Papers

32. dose resp.	dose response curve
33. blood lev.	levels of drugs in blood
34. other drug lev.	levels of drugs, other than in blood (urine, breath, sweat, saliva, or faecal levels)
35. mot. perform.	motor performance
36. psychol. perform.	psychological performance

37. species or sex diff.

species or sex differences in response

Anatomical Components or Physiological Processes Affected by Interaction

38. absorp., distrib., stor.

absorption, distribution, or storage

39. acid-base, blood pH,  
elect.

acid-base balance, blood pH, electrolytes

40. blood comp., sites,  
lymphblood components (blood cells, platelets,  
plasma), cell-forming sites, and lymph

41. cardiovasc.

cardiovascular system (heart, blood vessels,  
blood circulation)

42. CNS

central nervous system

43. G. I. tract

gastro-intestinal tract, its glands and secretions

44. glands

glands (endocrine and exocrine) and their  
secretions, except items 43 and 45

45. liver, kidney

liver, kidney (including urine)

46. metab. proc.

metabolic processes

47. nerv. syst.

nervous system, other than CNS

48. respir.

respiration, including breath

49. senses

senses and sensation

50. skel., muscle, skin

skeleton, muscle, skin

Compounds Interacting with Ethanol

51. alcohols

alcohols, other than ethanol, such as methanol,  
propanol, etc.

52. amphetamines

amphetamines (dexamphetamine, methampheta-  
mine, etc.)

53. analg., antipyret.

analgesics and antipyretics (APC, phenacetin,  
etc.)

54. anesthetics

anesthetics (butamin, ether, cocaine, etc.)

55. anticonvulsants

anticonvulsants (carbamazepine, phenytoin,  
etc.)

56. antidepressants

antidepressants (desimipramine, papaverine, etc.)

57. anti-infectants

anti-infectants (penicillin, cycloserine, etc.)

58. antispasmodics

antispasmodics (ethyl acetate, papaverine, etc.)

59. autocoids

autocoids (antihistamine, clemizole, etc.)

60. autonomic agents

autonomic agents (parasympatholytics, para-  
sympathomimetics, sympatholytics, sympatho-  
mimetics)

61. barbiturates

barbiturates (barbital, secobarbital, etc.)

62. coagulants

blood formation and coagulation agents, or  
anticoagulation agents (oxalic acid, phenprocou-  
mon, etc.)

63. cardiovasc. agents

cardiovascular agents (digitalis, dopamine, etc.)

64. diagnost. agents	diagnostic agents (sodium benzoate, sodium iodide, etc.)
65. elect., water-bal. agents	electrolyte and water-balance agents (diuretics, ions, glucose, etc.)
66. enzymes	enzymes (monoamine oxidase inhibitors, iproniazid, etc.)
67. gastrointest. agents	gastrointestinal agents (meclozine, glutamic acid, etc.)
68. hallucinogens	hallucinogens (cannabis, lysergide, etc.)
69. hormones, hormone antag.	hormones and hormone antagonists (ACTH, insulin, etc.)
70. indust. intox.	industrial intoxicants (carbon monoxide, gasoline, etc.)
71. miscellaneous	miscellaneous compounds used in manufacturing or not otherwise specified
72. musculoskel. agents	musculoskeletal agents (antirheumatics, muscle relaxants, etc.)
73. neoplast. agents	neoplastic agents (alloxan, urethane, etc.)
74. nutritive agents	nutritive agents (vitamins, etc.)
75. sed. hypnot.	sedatives and hypnotics (excluding barbiturates), such as apronal, glutethimide, etc.
76. stimulants	stimulants, excluding amphetamines (pemoline, caffeine, etc.)
77. tranquilizers	tranquilizers (chlordiazepoxide, reserpine, etc.)
78. unclass. ther. agents	unclassified therapeutic agents (disulfiram, mercury iodide, etc.)



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alcohols - wine B-2236.
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liver, kidney - barbiturates B-2337.
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E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - in vitro - liver, kidney - metab. proc. - unclass. ther.  
agents - nitrazepam B-2279.
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G - exp. cont. - DC (decrease) - DC (add. , infra-add. , unspec.  
incr. ) - mammals - acute admin. - in vivo - CNS - gastrointest.  
agents - prothazin - prothanon B-2348.
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mammals - in vitro - liver, kidney - unclass. ther. agents -  
ethionine B-2161.
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hallucinogens - stimulants - diamorphine - methadone - cocaine -  
cannabis - LSD - methedrine - dexedrine - drinamyl B-0844.
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E - exp. cont. - DC (antidotal) - mammals - acute admin. -  
in vivo - blood lev. - other drug lev. - metab. proc. - indust.  
intox. - ethylene glycol B-2238.
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E-GS - exp. cont. - DC (decrease) - mammals - in vitro - CNS -  
pyrithinol hydrochloride B-2617.

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 mammals - acute admin. - in vivo - dose resp. - blood lev. -  
 mot. perform. - CNS - tranquilizers -  
 chlordiazepoxide B-2261.
- 1528 Besserer, K., and Springer, E.  
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 [THE EFFECTIVENESS OF THE "ALCOHOL ANTIDOTE",  
 SOBARO].  
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 G-ES - exp. comp. - DC (unchanged) - humans - acute admin. -  
 dose resp. - blood lev. - other drug lev. - unclass. ther.  
 agents - sobaro (charcoal + kaolin + vitamin C) B-2216.
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 KINETIK VON N,N-DIMETHYL-DIBENZO[B, F]THIEPIN-10-  
 METHYLAMIN-HYDROCHLORID (GP 41 299) BEIM MENSCHEN.  
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 IN MAN].  
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 G-ES - exp. comp. - DC (add., infra-add., unspec. incr.) -  
 humans - acute admin. - in vivo - blood lev. - other drug lev. -  
 CNS - miscellaneous - N,N-dimethyl-dibenzo[b, f]thiepine-10-  
 methylamine-hydrochloride (GP 41 299) B-2262.
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 admin. - in vivo - in vitro - liver, kidney - miscellaneous -  
 pyrazole - 1,4-butanediol -  $\gamma$ -butyrolactone -  $\gamma$ -hydroxybutyric  
 acid B-2588.
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 mammals - acute admin. - chronic admin. - in vivo - CNS -  
 miscellaneous - nicotine B-2263.

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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - mammals - acute admin. - in vivo - blood lev. - mot. perform. - CNS - metab. proc. - miscellaneous - pyrazole - 3-methylpyrazole B-2266.
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 mammals - acute admin. - in vivo - CNS - metab. proc. -  
 miscellaneous -  $\alpha$ -methyl-p-tyrosine - L-DOPA B-2278.
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 BEHAVOIR OF MICE.  
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 E - exp. cont. - congen. stud. - mammals - acute admin. - in  
 vivo - mot. perform. - CNS - vodka - bourbon B-2276.
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 incr. ) - mammals - acute admin. - in vivo - blood lev. - CNS -  
 indust. intox. - unclass. ther. agents - diethanolamine -  
 dimethoxyethylamine - rutin B-2282.
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 BIOGENIC AMINES IN MICE.  
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 E - DC (add. , infra-add. , unspec. incr. ) - mammals - acute  
 admin. - in vivo - CNS - miscellaneous - unclass. ther. agents -  
 L-DOPA - disulfiram B-2217.
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 EFFETS DE LA CARENCE PROTÉIQUE, DES HORMONES ET DES  
 MÉDICAMENTS SUR LE TAUX D'OXYDATION DE L'ÉTHANOL  
 CHEZ L'HOMME. [EFFECTS OF PROTEIN DEFICIENCY,  
 HORMONES, AND DRUGS ON THE ETHANOL OXIDATION RATE  
 IN MAN].  
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 F - exp. cont. - DC (decrease) - DC (add. , infra-add. , unspec.  
 incr. ) - humans - acute admin. - in vivo - blood lev. - glands -  
 liver, kidney - metab. proc. - anti-infectants - hormones,  
 hormone antag. - miscellaneous - ampicillin - dimethyl-phenyl-  
 pyrazole B-2598.
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 ON MICROSOMAL ENZYMES.  
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E - abst. - exp. comp. - DC (unchanged) - drug metab. enzyme  
syst. - mammals - chronic admin. - in vivo - liver, kidney -  
barbiturates - phenobarbital B-2268.

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EFFET POTENTIALISATEUR COMPARÉ EXERCÉ PAR  
DIFFÉRENTS NEUROLEPTIQUES VIS-À-VIS DE L'ACTION DE  
QUELQUES HYPNOTIQUES CHEZ LA SOURIS. [COMPARED  
POTENTIATING EFFECT CAUSED BY DIFFERENT NEURO-  
LEPTICS OPPOSITE OF THE ACTION OF SEVERAL HYPNOTICS  
IN THE MOUSE].  
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mammals - acute admin. - in vivo - CNS - tranquilizers -  
levomepromazine B-2359.
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SOMMEIL EXPÉRIMENTAL DÛ AUX HYPNOTIQUES NON  
BARBITURIQUES ET MODIFICATEURS DE L'ACTIVITÉ DES  
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MICROSOMAL ACTIVITY].  
Therapie (Paris), 34(6): 949-954 (6 ref. ), 1969.  
F-ES - exp. cont. - DC (unchanged) - mammals - acute admin. -  
chronic admin. - in vivo - CNS - metab. proc. - antidepressants -  
barbiturates - sed., hypnot. - phenobarbital - iproniazid B-2361.
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BARBITURATES].  
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G-ES - stat. surv. - conj. use - DC (add., infra-add., unspec.  
incr.) - med.-leg. - mot. vehic. - humans - CNS -  
barbiturates B-2220.
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ARZNEIMITTEL UND FAHRTÜCHTIGKEIT. II. MITTEILUNG:  
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NERVOUS SYSTEM-STIMULATING AMINES AND AROMATIC  
HYDROCARBONS].  
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G-ES - SEC - stat. surv. - conj. use - med.-leg. - mot. vehic. -  
humans - CNS - amphetamines B-2287.
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ARZNEIMITTEL UND FAHRTÜCHTIGKEIT. III. MITTEILUNG:  
BENZODIAZEPINDERIVATE. [DRUGS AND DRIVING. III.

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 G-ES - stat. surv. - conj. use - DC (add. , infra-add. , unspec. incr. ) - mot. vehic. - humans - CNS - tranquilizers - librium - valium B-2620.
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 ÜBRIGE PHARMACA UND ZUSAMMENFASSUNG DER  
 RESULTATE DER I. -IV. MITTEILUNG. [DRUGS AND DRIVING  
 ABILITY. IV. OTHER DRUGS AND SUMMARY OF THE  
 RESULTS OF THE 1ST-4TH COMMUNICATIONS].  
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 G-ES - stat. surv. - conj. use - med. -leg. - mot. vehic. -  
 humans - CNS - sed. , hypnot. - stimulants - tranquilizers -  
 unclass. ther. agents - meprobamate - salicylic acid -  
 hydroxyhippuric acid - methaqualone - clomethiazole B-2218.
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 [INFLUENCE OF CHRONIC ALCOHOLIZATION ON THE ACTIVITY  
 OF CHLORPROMAZINE IN THE MOUSE].  
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 (0 ref. ), 1969.  
 F - abst. - exp. - DC (add. , infra-add. , unspec. incr. ) -  
 mammals - in vivo - in vitro - CNS - liver, kidney - metab.  
 proc. - tranquilizers - chlorpromazine B-2163.
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 L'ACTIVITÉ DE QUELQUES MÉDICAMENTS.  
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 unspec. incr. ) - DC (unchanged) - mammals - acute admin. -  
 chronic admin. - in vivo - mot. perform. - CNS - glands -  
 liver, kidney - respir. - amphetamines - cardiovasc. agents -  
 elect. , water-bal. agents - hormones. , hormone antag. - sed. ,  
 hypnot. - stimulants - tranquilizers - unclass. ther. agents -  
 chlorpromazine - haloperidol - reserpine - meprobamate -  
 methylpentynol - chlordiazepoxide - diazepam - nitrazepam -  
 amphetamine - nikethamide - theophylline - morphine -  
 acetazolamide - furosemide - insulin - metformine -  
 tolbutamide B-2286.
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 INFLUENCE DE L'ALCOOLISATION AIGÜE ET CHRONIQUE SUR  
 L'ACTIVITÉ DE QUELQUES BENZODIAZÉPINES CHEZ LA  
 SOURIS. [INFLUENCE OF ACUTE AND CHRONIC  
 ALCOHOLIZATION ON THE ACTIVITY OF SOME BENZODIAZE-



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 Therapie (Paris), 26: 687-700 (28 ref. ), 1971.  
 F-ES - exp. cont. - DC (decrease) - DC (add., infra-add.,  
 unspec. incr.) - DC (unchanged) - mammals - acute admin. -  
 chronic admin. - blood lev. - mot. perform. - CNS -  
 tranquilizers - chlordiazepoxide - diazepam - nitrazepam B-2356.
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 BLUTSPIEGELS DURCH CHLORPROMAZIN UND VALTRATUM.  
 [INFLUENCE OF CHLORPROMAZINE AND VALTRATUM ON  
 ETHANOL NARCOSIS AND ETHANOL BLOOD LEVELS].  
 Arzneimittel-Forschung, 22(11): 1977-1980 (14 ref. ), 1972.  
 G-ES - exp. cont. - DC (decrease) - DC (add., infra-add.,  
 unspec. incr.) - mammals - acute admin. - in vivo - blood lev. -  
 CNS - tranquilizers - unclass. ther. agents - valtratum -  
 chlorpromazine B-2215.
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 E - SEC - exp. - DC (add., infra-add., unspec. incr.) -  
 humans - chronic admin. - in vivo - blood lev. - liver, kidney -  
 metab. proc. - coagulants - warfarin B-2353.
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 POPULATIONS.  
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 E - stat. surv. -, conj. use - humans - drug-dep. humans -  
 hallucinogens - heroin B-2427.
- 1555 Brown, D. J., Jain, N. C., Forney, R. B., Hughes, F. W., and  
 Richards, A. B.  
 GAS CHROMATOGRAPHIC ASSAY OF GLYCOL-ETHANOL  
 COMBINATIONS IN BIOLOGICAL MATERIALS.  
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 E - exp. cont. - DC (decrease) - mammals - acute admin. - in  
 vivo - metab. proc. - indust. intox. - propylene glycol B-2288.
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 E - exp. cont. - DC (decrease) - humans - drug-dep. humans -  
 acute admin. - in vivo - blood lev. - metab. proc. - nutritive  
 agents - fructose B-2610.

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E - exp. cont. - DC (add., infra-add., unspec. incr.) - humans -  
acute admin. - in vivo - mot. perform. - psychol. perform. -  
CNS - tranquilizers - meprobamate B-2285.
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DOSE OF ETHANOL.  
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E - exp. cont. - DC (add., infra-add., unspec. incr.) -  
mammals - acute admin. - in vivo - blood lev. - liver, kidney -  
miscellaneous - pyrazole B-2269.
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E - exp. cont. - DC (unchanged) - humans - acute admin. -  
in vivo - other drug lev. - CNS - nervous syst. - respir. -  
skel., muscle, skin - hallucinogens - codeine sulphate B-2382.
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RATS BY  $\alpha$ -METHYL-P-TYROSINE.  
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in vivo - mot. perform. - CNS -  $\alpha$ -methyl-p-tyrosine methyl  
ester hydrochloride B-2599.
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INTESTINE.  
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vivo - in vitro - G. I. tract - metab. proc. - miscellaneous -  
pyrazole B-2445.
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E - exp. cont. - drug metab. enzyme syst. - mammals - in

vitro - liver, kidney - barbiturates - sed. , hypnot. -  
phenobarbital

B-2347.

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METABOLISMUS: EIN PROBLEM DER ENZYMINDUKTION.  
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A PROBLEM OF ENZYME INDUCTION].  
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G - abst. - exp. cont. - cross-tol. - DC (add. , infra-add. ,  
unspec. incr. ) - drug metab. enzyme syst. - humans - drug-dep.  
humans - mammals - acute admin. - in vitro - liver, kidney -  
hormones, hormone antag. - tolbutamide B-2271.
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METABOLIZING SYSTEM: STUDIES IN ANIMALS AND MAN.  
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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - drug  
metab. enzyme syst. - humans - mammals - acute admin. - in  
vivo - blood lev. - liver, kidney - hormones, hormone antag. -  
tolbutamide B-2416.
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E - exp. cont. - cross-tol. - DC (add. , infra-add. , unspec.  
incr. ) - drug metab. enzyme syst. - humans - drug-dep. humans -  
acute admin. - in vivo - liver, kidney - hormones. , hormone  
antag. - tolbutamide B-2270.
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SUL NISTAGMO DI POSIZIONE DA ALCOOL. [EXPERIMENTAL  
STUDY OF THE EFFECT OF FENTANYL ON POSITIONAL  
ALCOHOL NYSTAGMUS].  
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I-ES - exp. cont. - DC (decrease) - mammals - acute admin. -  
in vivo - CNS - fentanyl B-2426.
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SURRENALICA ALLO STRESS DA FORMALINA NEL RATTO.  
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mammals - acute admin. - in vivo - CNS - formalin B-2584.
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ULCER CHANGE.  
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E - SEC - general - stat. surv. - DC (add. , infra-add. , unspec.  
incr. ) - humans - G. I. tract - analg. , antipyret. -  
aspirin B-2346.
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(13 ref. ), 1972.  
E - exp. cont. - DC (unchanged) - DC (sensit. ) - humans -  
chronic admin. - in vivo - cardiovasc. - glands - hormones,  
hormone antag. - glibenclamide B-2517.
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incr. ) - DC (unchanged) - mammals - acute admin. - in vivo -  
blood lev. - CNS - metab. proc. - anti-infectants - indust.  
intox. - dimethylsulfoxide - nitrophenazine - metronidazole -  
nitrothiamidazole - nifuroxazide - nitrofurural - nitrofurantoin -  
furazolidone B-2357.
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L'INTOXICATION ALCOOLIQUE (ÉTUDE EXPÉRIMENTALE).  
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incr. ) - mammals - acute admin. - chronic admin. - in vivo -  
mot. perform. - psychol. perform. - CNS - barbiturates -  
sed. , hypnot. - tranquilizers - diarginine ketoglutarate - hexo-  
barbital - meprobamate B-2430.

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L'INTOXICATION ALCOOLIQUE AIGUE CHEZ L'HOMME (ÉTUDE  
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ON ACUTE ALCOHOL INTOXICATION IN MAN (EXPERIMENTAL  
STUDY)].  
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F - exp. cont. - DC (decrease) - humans - acute admin. - in  
vivo - blood lev. - mot. perform. - CNS - diarginine  
ketoglutarate B-2431.
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INTERACTION.  
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E - exp. cont. - DC (decrease) - DC (add., infra-add., unspec.  
incr.) - mammals - in vitro - liver, kidney - metab. proc. -  
analg., antipyret. - barbiturates - sed., hypnot. - aminopyrine -  
pentobarbital - aniline - hexobarbital B-2587.
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DIAZEPAM, ALCOHOL, AND BARBITURATE ABUSE.  
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E - general - case hist. - conj. use - drug-dep. humans -  
CNS - barbiturates - sed., hypnot. - unclass. ther. agents -  
amylobarbitone sodium - diazepam B-2439.
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elect. - metab. proc. - alcohols - methanol B-2272.
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ALCOHOL AND GLIBENCLAMIDE.  
British Medical Journal (London), 3: 533 (1 ref.), 1971.  
E - general - DC (unchanged) - DC (sensit.) - humans - hormones,  
hormone antag. - glibenclamide B-2443.
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OF THE MICROSOMAL p-HYDROXYLATION OF ANILINE BY  
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E - exp. cont. - DC (add., infra-add., unspec. incr.) - DC



(unchanged) - mammals - in vitro - liver, kidney - metab. proc. -  
hallucinogens - aniline - ethylmorphine B-2591.

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EFFECT OF FRUCTOSE ON BLOOD-ALCOHOL LEVELS.  
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E - general - DC (decrease) - humans - acid-base, blood pH,  
elect. - liver, kidney - nutritive agents - fructose B-2611.
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EFFECT OF ETHANOL ON THE DISTRIBUTION AND  
EXCRETION OF BARBITURATES IN THE RAT.  
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E - abst. - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - absorp. , distrib. , stor. -  
metab. proc. - barbiturates - pentobarbital -  
phenobarbital B-2273.
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Charbonneau, S.  
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PENTOBARBITONE ABSORPTION INTO RAT BLOOD AND BRAIN.  
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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - blood lev. - absorp. , distrib. ,  
stor. - barbiturates - phenobarbitone - pentobarbitone B-2274.
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Wiberg, G. S.  
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(0 ref. ), 1971.  
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mammals - acute admin. - in vivo - in vitro - liver, kidney -  
metab. proc. - barbiturates - sed. , hypnot. -  
pentobarbital B-2165.
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mammals - acute admin. - chronic admin. - in vivo - blood lev. -  
absorp. , distrib. , stor. - metab. proc. - barbiturates -  
phenobarbital - pentobarbital B-2275.

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ALCOHOL EXPERIMENTS.  
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Medical Use of Drugs. Annex A. Ottawa: Information Canada, pp.  
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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - mot.  
vehic. - humans - acute admin. - in vivo - blood lev. - mot.  
perform. - cardiovasc. - CNS - senses - skel. , muscle, skin -  
hallucinogens - marijuana B-2362.
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D-ES-FS-GS - general - DC (sensit. ) - humans - cardiovasc. -  
Coprinus atramentarius A-1857.
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CORRÉLATION ENTRE LE TRAITEMENT DE LA TUBERCULOSE  
PULMONAIRE ET L'ALCOOLISME. [CORRELATION BETWEEN  
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mammals - chronic admin. - in vivo - CNS - liver, kidney, -  
anti-infectants - unclass. ther. agents - isoniazid -  
streptomycin B-2424.
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INTERFÉRANT DANS LE MÉTABOLISME DE L'ÉTHANOL CHEZ  
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F - exp. cont. - DC (decrease) - DC (add. , infra-add. , unspec.  
incr. ) - drug-dep. humans - acute admin. - in vivo - blood lev. -  
metab. proc. - nutritive agents - fructose -  
metronidazole B-2549.
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PSYCHOMOTORIK SOWIE AUF DIE SUBJEKTIVE EINSCHÄTZUNG  
DES EIGENEN BEFINDENS. [INFLUENCES OF ALCOHOL AND  
COFFEE ON PSYCHOMOTOR SKILLS, AS WELL AS SUBJECTIVE  
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 POTENTIAL, ITS COMPARTMENTALIZATION, AND ITS  
 RELATION TO THE HIGH ENERGY PHOSPHATES OF THE RAT  
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 chronic admin. - in vivo - liver, kidney - metab. proc. -  
 metyrapone B-2618.
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 kidney - metab. proc. - miscellaneous - nutritive agents -  
 fructose - d-glyceraldehyde B-2615.
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 ANTIDIABETICS IN RABBITS TREATED WITH ETHANOL].  
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 incr.) - DC (unchanged) - mammals - acute admin. - in vivo -  
 blood lev. - liver, kidney - metab. proc. - hormones, hormone  
 antag. - glycodiazine - tolbutamide - glibenclamide B-2307.
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 Ward, J. W.  
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 E - exp. cont. - exp. comp. - DC (add., infra-add., unspec.  
 incr.) - drug metab. enzyme syst. - mammals - in vitro -  
 species or sex diff. - liver, kidney - stimulants - doxapram -  
 methylphenidate - pentylenetetrazol - caffeine - d-amphetamine -  
 bemegride - nikethamide - ethamivan B-2306.



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 amphetamines - barbiturates - sed., hypnot. - stimulants -  
 dextro-amphetamine - amobarbital - secobarbital A-1860.
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 vitro - CNS - metab. proc. - hallucinogens - morphine-type  
 alkaloids B-1710.
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 DEHYDROGENASE INDUCED BY PHENOBARBITAL.  
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 admin. - in vivo - liver, kidney - barbiturates - sed., hypnot. -  
 phenobarbital B-2428.
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 miscellaneous - DDT B-2366.
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 mammals - chronic admin. - in vivo - cardiovasc. - glands -  
 liver, kidney - skel., muscle, skin - indust. intox. -  
 cobalt B-2466.
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humans - CNS - barbiturates

B-2429.

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 metab. proc. - N, N' -diphenyl-p-phenylenediamine B-2613.
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 p-phenylenediamine B-2376.
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 admin. - in vivo - liver, kidney - barbiturates -  
 phenobarbital B-2230.
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 (unchanged) - humans - acute admin. - in vivo - mot. perform. -  
 psychol. perform. - CNS - anesthetics - thiopental -  
 thiobutabarbital - propanidid B-2392.
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 (unchanged) - humans - acute admin. - in vivo - CNS -  
 anesthetics - methohexital - thiobutabarbital - thiobarbiturate -  
 propanidid B-2303.
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E-FS-GS - general - DC (decrease) - DC (add., infra-add.,  
unspec. incr.) - humans - CNS - anti-infectants - autonomic  
agents - barbiturates - hallucinogens - tranquilizers - unclass.  
ther. agents - atropine - hyoscine - pethidine - papaveretum -  
pentobarbitone - chlordiazepoxide - diazepam -  
promethazine B-2300.
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acute admin. - in vivo - blood lev. - CNS - tranquilizers -  
chlordiazepoxide - diazepam B-2432.
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skel., muscle, skin - nutritive agents - fructose B-2607.
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E - exp. cont. - DC (decrease) - DC (unchanged) - mammals -  
acute admin. - in vivo - blood lev. - CNS - tranquilizers -  
unclass. ther. agents - disulfiram - chlorpromazine B-2420.
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VERKEHRSGEFÄHRDUNG DURCH INH UND ANDERE  
MEDIKAMENTE VOM STANDPUNKT DES DERMATOLOGEN.  
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FROM THE STANDPOINT OF THE DERMATOLOGIST].  
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CNS - analg., antipyret. - anti-infectants - barbiturates -  
elect., water-bal. agents - sed., hypnot. - unclass. ther. agents -  
isonicotinic acid hydrazide - quinacrine - chloroquine diphosphate -  
phenylbutazone - saridon - aminopyrine - cibalgine - phenobarbital -

apronalide

A-1854.

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in vivo - cardiovasc. - antidepressants - phenelzine B-2571.
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in vivo - CNS - glands - metab. proc. - barbiturates -  
hallucinogens - sed., hypnot. - pentobarbital - morphine B-2573.
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in vivo - G. I. tract - alcohols - isopropyl alcohol B-2419.
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AND DEATH IN MICE.  
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acute admin. - in vivo - CNS - unclass. ther. agents -  
physostigmine - neostigmine B-2374.
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vivo - liver, kidney - K0592 B-2421.
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TIEREXPERIMENTELLE STUDIEN ÜBER DEN EINFLUSS VON  
ALKOHOL AUF DEN KOHLENHYDRAT- UND FETTSTOFFWECH-  
SEL DER LEBER. [EXPERIMENTAL ANIMAL STUDIES ON THE  
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Kø 592 B-2351.
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 analg. , antipyret. - trichloroethylene  
 1970.  
 B-2371.
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 1971.  
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 incr. ) - other org. - acute admin. - in vivo - anti-infectants -  
 lincomycin - chloramphenicol - erythromycin  
 B-2364.
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 ON METHANOL AND ETHANOL METABOLISM BY THE RAT.  
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 1973.  
 E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - drug  
 metab. enzyme syst. - mammals - acute admin. - in vivo -  
 in vitro - liver, kidney - metab. proc. - miscellaneous -  
 3-amino-1, 2, 4-triazole - pyrazole  
 B-2168.
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 (16 ref. ),  
 1971.  
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 drug-dep. humans - CNS - sed. , hypnot. -  
 ethchlorvynol  
 B-2308.
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 E - review - DC (decrease) - DC (add. , infra-add. , unspec.  
 incr. ) - humans - mammals - CNS - liver, kidney - metab.  
 proc. - barbiturates - hallucinogens - hormones, hormone  
 antag. - miscellaneous - nutritive agents - stimulants -  
 tranquilizers - fructose - ortho-phenanthroline - pyrazole -  
 morphine - codeine - diphenylhydramine - tolbutamide -  
 d-propoxyphene  
 B-2468.



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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - DC (unchanged) - drug-dep. humans - mammals - acute admin. - in vivo - blood lev. - other drug lev. - metab. proc. - tranquilizers - chlorpromazine B-2582.
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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - mammals - acute admin. - chronic admin. - in vivo - blood lev. - glands - liver, kidney - metab. proc. - hormones, hormone antag. - triiodothyronine - propylthiuracil B-2229.
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E - drug metab. enzyme syst. - exp. cont. - mammals - acute  
admin. - chronic admin. - in vivo - liver, kidney -  
barbiturates - sed., hypnot. - phenobarbital B-2417.
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E - exp. cont. - DC (add., infra-add., unspec. incr.) -  
mammals - acute admin. - in vivo - CNS - miscellaneous -  
cyheptamide B-2422.
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ETHYLENE GLYCOL POISONING].  
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proc. - indust. intox. - ethylene glycol B-2467.
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vivo - blood lev. - mot. perform. - CNS - metab. proc. -  
indust. intox. - diethanolamine - rutin B-2418.
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EFFECT OF TRICHLOROETHANOL AND OF CHLORAL HYDRATE  
ON THE IN VIVO RATE OF DISAPPEARANCE OF ETHANOL  
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E - exp. cont. - DC (supra-add. incr.) - mammals - acute  
admin. - in vivo - CNS - metab. proc. - alcohols - sed., hypnot. -  
chloral hydrate - trichloroethanol B-2562.
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 E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - other  
 org. - acute admin. - in vivo - miscellaneous - sodium  
 taurodeoxycholate B-2345.
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 METHOTREXATE AND PSORIASIS.  
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 CNS - respir. - skel. , muscle, skin - unclass. ther. agents -  
 methotrexate B-2358.
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 barbiturates A-1855.
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 CHLORierter ÄTHANE OHNE UND MIT ZUSÄTZLICHER  
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 312 (13 ref. ), 1972.  
 G-ES - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
 mammals - chronic admin. - in vivo - glands - liver, kidney -  
 anesthetics - indust. intox. - monochloroethane - 1,2-  
 dichloroethane - 1,1,2,2-trichloroethane B-2170.
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 EFECTOS DEL ETANOL SOBRE EL SISTEMA NERVIOSO  
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 add. , unspec. incr. ) - humans - acute admin. - in vivo - mot.  
 perform. - psychol. perform. - CNS - anti-infectants -  
 gastrointest. agents - tranquilizers - chlordiazepoxide - mepro-  
 bamate - antihistamines - buclozine - chlorpromazine -  
 hydroxyzine - meclozine - phenoglycodole - promethazine -  
 tripeleennamine B-2396.

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add. , unspec. incr.) - humans - acute admin. - in vivo - mot.  
perform - psychol. perform. - CNS - anti-infectants -  
gastrointest. agents - tranquilizers - chlordiazepoxide -  
meprobamate - antihistamines - buclazine - chlorpromazine -  
cyclozine - hydroxyzine - meclozine - phenoglycodole -  
promethazine - tripeleennamine B-2384.
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DRUGS IN MAN AND ANIMAL.  
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E - general - review - congen. stud. - DC (decrease) - DC  
(supra-add. incr.) - DC (add. , infra-add. , unspec. incr.) -  
cardiovasc. - CNS - metab. proc. - miscellaneous - nutritive  
agents - sed. , hypnot. - tranquilizers - unclass. ther. agents -  
pyrazole - citrated calcium carbimide - disulfiram -  
vitamins B-2511.
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E - exp. cont. - DC (add. , infra-add. , unspec. incr.) -  
mammals - acute admin. - in vivo - blood lev. - mot. perform. -  
CNS - miscellaneous - pyrazole B-2355.
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admin. - in vivo - blood lev. - cardiovasc. - cardiovasc. agents -  
alprenolol B-2309.
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E - exp. cont. - mammals - acute admin. - chronic admin. -  
in vivo - metab. proc. - unclass. ther. agents -

naloxone

B-2579.

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COMPARISON OF PYRAZOLE AND 4-BROMOPYRAZOLE AS  
INHIBITORS OF ALCOHOL DEHYDROGENASES: THEIR POTENCY,  
TOXICITY AND DURATION OF ACTION IN MICE.  
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E - exp. cont. - DC (add., infra-add., unspec. incr.) - drug  
metab. enzyme syst. - mammals - other org. - acute admin. -  
in vivo - in vitro - blood lev. - liver, kidney - metab. proc. -  
miscellaneous - pyrazole - 4-bromopyrazole B-2435.
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E - exp. cont. - DC (add., infra-add., unspec. incr.) - drug  
metab. enzyme syst. - mammals - acute admin. - in vivo - blood  
lev. - liver, kidney - metab. proc. - miscellaneous -  
pyrazole B-2434.
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734-740 (25 ref. ), 1972.  
E - exp. cont. - DC (unchanged) - humans - acute admin. -  
chronic admin. - in vivo - metab. proc. - flunidazole B-2576.
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RESORPTION. [FLOWING PHASE AND DIFFUSION OF ETHYL  
ALCOHOL BY ORAL ABSORPTION].  
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G-ES - exp. cont. - exp. comp. - DC (add., infra-add., unspec.  
incr.) - humans - mammals - acute admin. - in vivo - blood lev. -  
metab. proc. - anesthetics - halothane B-2367.
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ARZNEIMITTEL-NEBENWIRKUNGEN BEI TUBERKULOSEKRAN-  
KEN: UNVERTRÄGLICHKEITERSCHEINUNGEN BEI  
ISONIAZID UND HYDANTOINEN ODER DISULFIRAM. [SIDE  
EFFECTS OF DRUGS IN TUBERCULAR PATIENTS:  
MANIFESTATIONS OF INTOLERANCE DUE TO ISONIAZID AND  
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G - general - DC (sensit.) - humans - blood comp. , sites,  
 lymph - cardiovasc. - liver, kidney - metab. proc. -  
 miscellaneous - unclass. ther. agents - disulfiram - hydantoin -  
 isoniazid B-2379.

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 ALCOHOL.  
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 E - exp. comp. - general - case hist. - humans - drug-dep.  
 humans - chronic admin. - in vivo - blood lev. - other drug lev. -  
 liver, kidney - anti-infectants - unclass. ther. agents -  
 streptomycin - isoniazid - para-aminosalicylic acid - ethionamide -  
 pyrazinamide - viomycin - cycloserine B-2425.
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 ALCOHOL DEHYDROGENASE WITH  $\text{NAD}^+$ -ANALOGS.  
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 E - exp. cont. - DC (decrease) - DC (add. , infra-add. , unspec.  
 incr. ) - drug metab. enzyme syst. - mammals - in vitro -  
 liver, kidney - anti-infectants - formaldehyde B-2387.
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 mammals - in vitro - liver, kidney - metab. proc. - hormones,  
 hormone antag. - phenethylbiguanide B-2378.
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 E - abst. - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
 mot. perform. - psychol. perform. - CNS - stimulants -  
 d-amphetamine B-2311.



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E - review - congen. stud. - DC (decrease) - DC (add. , infra-  
add. , unspec. incr. ) - humans - CNS - metab. proc. -  
amphetamines - hallucinogens - indust. intox. - nutritive agents -  
stimulants - tranquilizers - unclass. ther. agents - caffeine -  
promill-ex - dexedrine - methamphetamine - morphine -  
dolphine - barbiturates - paraldehyde - chlorpromazine -  
meprobamate - prednisolone - antabuse - fructose - carbon  
monoxide A-1856.
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METABOLISM IN MICE.  
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E - exp. cont. - DC (unchanged) - drug metab. enzyme syst. -  
mammals - acute admin. - in vivo - liver, kidney - analg. ,  
antipyret. - acetanilide B-2388.
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E - exp. cont. - DC (unchanged) - mammals - in vitro - liver,  
kidney - metab. proc. - gastrointest. agents - nutritive agents -  
unclass. ther. agents - fructose - glycerol - disulfiram A-1859.
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mammals - in vitro - liver, kidney - analg. , antipyret. -  
barbiturates - sed. , hypnot. - aminopyrine -  
phenobarbital B-2444.
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IN THE RAT.  
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E - exp. cont. - cross-tol. - mammals - chronic admin. - in  
vivo - blood lev. - species or sex diff. - metab. proc. -  
barbiturates - sed. , hypnot. - tranquilizers - hexobarbital -

pentobarbital - barbital - phenobarbital - meprobamate -  
zoxazolamine B-2344.

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E - DC (decrease) - mammals - acute admin. - chronic admin. -  
in vivo - blood lev. - liver, kidney - metab. proc. - unclass.  
ther. agents - clofibrate B-2222.
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E - stat. surv. - conj. use - drug-dep. humans - amphetamines -  
hallucinogens - methylamphetamine B-2556.
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REVERSAL BY SOTALOL OF THE RESPIRATORY DEPRESSION  
INDUCED IN MICE BY ETHANOL.  
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vivo - blood lev. - CNS - respir. - miscellaneous -  
sotalol B-2394.
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FRUCTOSE AND ACUTE ALCOHOLIC INTOXICATION.  
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elect. - liver, kidney - metab. proc. - nutritive agents -  
fructose B-2609.
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(2H)-YL)BUTYROPHENONES.  
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E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - CNS - tranquilizers -  
4'-fluoro-4-(1, 4, 5, 6-tetrahydroazepino[4, 5-b]indol-3(2H)-yl)-  
butyrophenones B-2336.
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6-PHENYL-4H-S-TRIAZOLO[4, 3-A][1, 4]BENZODIAZEPINES  
WHICH HAVE CENTRAL NERVOUS SYSTEM DEPRESSANT  
ACTIVITY.  
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E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - CNS - tranquilizers -  
diazepam - 6-phenyl-4H-s-triazolo[4,3-a][1,4]benzodiazepines  
B-2159.

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acid-base, blood pH, elect. - metab. proc. - nutritive agents -  
fructose B-2608.

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HYPER- AND EUTHYROID RATS.  
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mammals - acute admin. - in vivo - blood lev. - glands - metab.  
proc. - hormones, hormone antag. - sorbitol B-2339.

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INTACT RATS PRETREATED WITH TRIIODOTHYRONINE OR  
PROPYL THIOURACIL.  
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(12 ref. ), 1970.  
E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - in vivo - blood lev. - other drug lev. - glands -  
liver, kidney - metab. proc. - hormones, hormone antag. -  
sorbitol B-2310.

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ACTIVITIES IN HYPO- AND HYPERTHYROID RATS.  
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E - exp. cont. - drug metab. enzyme syst. - mammals - chronic  
admin. - in vivo - glands - liver, kidney - metab. proc. -  
hormones, hormone antag. - propyl thiouracil B-2234.

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FED WITH A CHOLINE-DEFICIENT OR CHOLINE-  
SUPPLEMENTED LOW-PROTEIN HIGH-FAT DIET.  
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mammals - acute admin. - in vivo - blood lev. - other drug lev. -

liver, kidney - metab. proc. - hormones, hormone antag. -  
sorbitol B-2386.

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E - exp. cont. - DC (decrease) - mammals - acute admin. - in vivo - blood comp., sites, lymph - liver, kidney - nutritive agents - propylene glycol -  $\alpha$ -tocopherol - tocopheronolactone B-2206.
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admin. - in vivo - liver, kidney - barbiturates - sed. , hypnot. -  
phenobarbitone B-2471.
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nervogastrol B-2171.
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NEUROMUSCULAR TRANSMISSION IN FROG SKELETAL  
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syst. - skel. , muscle, skin - anesthetics - ether B-2536.
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EXPERIMENTELLE PORPHYRIE DER RATTE DURCH  
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HORMONES ON EXPERIMENTAL PROPHYRIA OF THE RAT  
CAUSED BY HEXACHLOROBENZENE].  
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G-ES - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - chronic admin. - in vivo - glands -  
metab. proc. - indust. intox. - hexachlorobenzene B-2473.
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E-GS - exp. comp. - DC (decrease) - DC (add. , infra-add. ,  
unspec. incr. ) - DC (unchanged) - humans - acute admin. - in  
vivo - CNS - anti-infectants - barbiturates - hallucinogens -  
sed. , hypnot. - tranquilizers - pethidine - morphine - pento-  
barbitone - chlordiazepoxide - diazepam - promethazine B-2391.



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blood pH, elect. - hormones, hormone antag. -  
phenformin B-2482.
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E - exp. comp. - drug metab. enzyme syst. - mammals - in  
vitro - liver, kidney - indust. intox. - miscellaneous - unclass.  
ther. agents - EDTA - pyrazole - ethanolamine - dimethyl  
sulfoxide - sodium sulfide B-2239.
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amphetamines - stimulants - tranquilizers - chlorpromazine -  
amphetamine B-2486.
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fructose - vitamins B-2493.
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Po-ES-RS - exp. cont. - DC (add., infra-add., unspec. incr.) -  
mammals - chronic admin. - in vivo - CNS - unclass. ther.  
agents - carbon disulfide B-2363.

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in vivo - glands - hallucinogens - morphine B-2595.
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mammals - acute admin. - in vivo - mot. perform. - CNS -  
tranquilizers - chlordiazepoxide - diazepam B-2460.
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metab. enzyme syst. - mammals - acute admin. - in vivo - CNS -  
metab. proc. - miscellaneous - DL-p-chlorophenyl-  
alanine B-2214.
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acid-base, blood pH, elect. - hormones, hormone antag. -  
phenformin B-2541.
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acute admin. - in vivo - blood lev. - liver, kidney -  
miscellaneous - pyrazole B-2257.
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marijuana B-2433.

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TOGETHER AND SEPARATELY.  
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mammals - acute admin. - chronic admin. - psychol. perform. -  
CNS - miscellaneous - nicotine B-2172.
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chronic admin. - in vivo - psychol. perform. - CNS - indust.  
intox. - nicotine B-2470.
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incr.) - DC (unchanged) - mammals - in vitro - liver, kidney -  
metab. proc. - gastrointest. agents - hormones, hormone antag. -  
nutritive agents - glycerol - fructose - pyruvate - alanine -  
sorbitol B-2510.
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metab. proc. - unclass. ther. agents - clofibrate B-2316.
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metab. proc. - miscellaneous - pyrazole B-2247.

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incr.) - DC (unchanged) - mammals - acute admin. - in vivo -  
mot. perform. - CNS - analg., antipyret. - novalgin - pabialgin -  
pyramidon - acetylsalicylic acid B-2340.
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Wilimowski, M.  
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mammals - acute admin. - in vivo - mot. perform. - CNS -  
analg., antipyret. - acetylsalicylic acid - aminophenazone -  
pabialgin - novalgin B-2333.
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anesthetics B-2469.
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ENZYMES.  
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(unchanged) - drug metab. enzyme syst. - mammals - in vivo -  
in vitro - liver, kidney - miscellaneous - unclass. ther. agents -  
sodium deoxycholate - digitonin - pyrazole - KCN - sodium  
azide - SKF 525-A - 3-amino-1,2,4-triazole B-2341.

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 pp. 111-137 (41 ref. ), 1971.  
 E - review - cross-tol. - drug metab. enzyme syst. - mammals -  
 CNS - liver, kidney - metab. proc. - anti-infectants -  
 barbiturates - miscellaneous - unclass. ther. agents - pyrazole -  
 SKF 525-A - deoxycholate - digitonin -  
 chlorcyclizine - 3-amino-1, 2, 4-triazole - phenobarbital B-2450.
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 ETHANOL METABOLISM.  
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 E - exp. cont. - DC (unchanged) - drug metab. enzyme syst. -  
 mammals - acute admin. - in vivo - in vitro - liver, kidney -  
 indust. intox. - carbon tetrachloride B-2245.
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 SIGNIFICANCE IN VIVO OF THE INCREASE IN MICROSOMAL  
 ETHANOL-OXIDIZING SYSTEM AFTER CHRONIC  
 ADMINISTRATION OF ETHANOL, PHENOBARBITAL AND  
 CHLORCYCLIZINE.  
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 (34 ref. ), 1972.  
 E - exp. cont. - cross-tol. - DC (unchanged) - drug metab.  
 enzyme syst. - mammals - acute admin. - chronic admin. - in  
 vivo - in vitro - liver, kidney - barbiturates - unclass. ther.  
 agents - phenobarbital - chlorcyclizine B-2246.
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 E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - 1970.  
 mammals - in vitro - liver, kidney - metab. proc. - anti-  
 infectants - miscellaneous - pyrazole - rotenone - antimycin A -  
 oligomycin B-2474.
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 AND TRAFFIC SAFETY].  
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 G - general - mot. vehic. - humans - CNS B-2491.



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 E - SEC - review - DC (decrease) - humans - blood comp. , sites,  
 lymph - coagulants - anticoagulants B-2542.
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 CARBON TETRACHLORIDE-INDUCED LIVER DAMAGE IN RATS.  
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 483 (19 ref. ), 1972.  
 E - exp. cont. - drug metab. enzyme syst. - mammals -  
 acute admin. - in vivo - blood comp. , sites, lymph - liver,  
 kidney - indust. intox. - carbon tetrachloride B-2589.
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 INTERRELATIONSHIP BETWEEN THE EFFECTS OF ETHANOL  
 AND CENTRALLY ACTING DRUGS.  
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 E - abst. - exp. comp. - DC (add. , infra-add. , unspec. incr.) -  
 mammals - acute admin. - in vivo - CNS - antidepressants -  
 tranquilizers - neuroleptics - minor tranquilizers -  
 antidepressants B-2315.
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 ACCELERATION OF BLOOD REMOVAL OF ALCOHOL WITH  
 TOLBUTAMIDE.  
 Gastroenterology (Baltimore), 62(4): 775 (0 ref. ), 1972.  
 E - abst. - exp. comp. - DC (decrease) - DC (unchanged) -  
 drug-dep. humans - acute admin. - in vivo - blood lev. - metab.  
 proc. - hormones. , hormone antag. - tranquilizers - tolbutamide -  
 meprobamate B-2314.
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 CORRELATION OF ALCOHOL AND TOLBUTAMIDE BLOOD  
 CLEARANCE RATES WITH MICROSOMAL ALCOHOL-  
 METABOLIZING ENZYME ACTIVITY.  
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 164 (26 ref. ), 1973.  
 E - exp. comp. - drug metab. enzyme syst. - drug-dep. humans -  
 acute admin. - in vivo - blood lev. - liver, kidney - metab. proc. -  
 hormones, hormone antag. - tolbutamide B-2240.
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 SYNERGISM.



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E - exp. cont. - DC (decrease) - DC (add., infra-add., unspec.  
incr.) - humans - acute admin. - in vivo - blood lev. - metab.  
proc. - hormones., hormone antag. - phenformin B-2313.
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ANTIALCOHOL EFFECTS OF SOME ETHANOLAMINE  
DERIVATIVES.  
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E - exp. cont. - DC (decrease) - mammals - acute admin. - in  
vivo - mot. perform. - CNS - cardiovasc. agents - indust.  
intox. - monoethanolamine - diethanolamine -  
triethanolamine B-2312.
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INTOXICATION IN MAN.  
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E - exp. cont. - DC (decrease) - humans - blood lev. - mot.  
perform. - psychol. perform. - CNS - palmitoyl ethanol-  
amide B-2616.
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INHIBITION OF SUGAR TRANSPORT IN ERYTHROCYTES BY  
FLUORODINITROBENZENE.  
Biochemistry (Washington), 10(7): 1148-1153 (12 ref. ), 1971.  
E - exp. cont. - DC (add., infra-add., unspec. incr.) - humans -  
in vitro - blood comp., sites, lymph - metab. proc. - diagnost.  
agents - fluorodinitrobenzene B-2535.
- 1730 Kryspin-Exner, K.  
MISSBRAUCH VON BENZODIAZEPINDERIVATEN BEI  
ALKOHOLKRANKEN. [MISUSE OF BENZODIAZEPINE  
DERIVATIVES IN ALCOHOLICS].  
British Journal of Addiction (London), 61: 283-290  
(13 ref. ), 1966.  
G - general - stat. surv. - case hist. - conj. use - drug-dep.  
humans - tranquilizers - meprobamate - chlordiazepoxide -  
diazepam B-2574.
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ZUSAMMENHÄNGE ZWISCHEN ALKOHOL- UND  
DROGENABHÄNGIGKEIT. [CONNECTION BETWEEN ALCOHOL  
AND DRUG DEPENDENCE].  
Öffentliche Gesundheitswesen (Stuttgart), 37: 548-555  
(0 ref. ), 1971.  
G-ES - general - stat. surv. - conj. use - humans - drug-dep.

humans - barbiturates - hallucinogens - stimulants -  
tranquilizers - opiates - cannabis

B-2500.

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EXCITATION BY ETHANOL OF RAT MUSCLE SPINDLES.  
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(Baltimore), 179(2): 301-311 (30 ref. ), 1971.  
E - exp. cont. - DC (unchanged) - mammals - in vitro - nerv.  
syst. - skel., muscle, skin - tubocurarine B-2594.
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LA RÉACTION VASOMOTRICE MÉDICAMENTS-ALCOOL. [THE  
VASOMOTOR DRUG-ALCOHOL REACTION].  
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F - review - DC (sensit. ) - cardiovasc. - metab. proc. -  
respir. - hormones, hormone antag. - indust. intox. - unclass.  
ther. agents - disulfiram - hypoglycemic sulfonamides - cyanic  
acid - isothiocyanic acid - thiocyanic acid - isocyanic acid -  
Coprinus atramentarius - disulfiram derivatives B-2518.
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UNTOWARD EFFECTS OF DRUGS: PART I (INCLUDING NON-  
PRESCRIPTION DRUGS).  
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(64 ref. ), 1971.  
E - review - DC (supra-add. incr. ) - DC (add., infra-add.,  
unspec. incr. ) - DC (sensit. ) - humans - mammals - CNS -  
metab. proc. - antidepressants - anti-infectants - coagulants -  
hallucinogens - hormones, hormone antag. - sed., hypnot. -  
tranquilizers - sedatives - hypnotics - atropine - epinephrine -  
quinine - morphine - scopolamine - antianginal agents - anti-  
bacterial agents - anticoagulants - antidiabetic agents -  
antihistamines - antihypertensive agents - tolbutamide B-1259.
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ANTI-HISTAMINES, ALONE AND TOGETHER WITH ALCOHOL,  
IN RELATION TO DRIVING SAFETY.  
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(38 ref. ), 1971.  
E - exp. cont. - DC (unchanged) - mot. vehic. - humans - acute  
admin. - in vivo - blood lev. - other drug lev. - mot. perform. -  
CNS - anti-infectants - pheniramine p-amino-salicylate -  
ciproheptadine - meclastine B-2319.
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DESIMIPRAMINE AND IMIPRAMINE, ALONE AND TOGETHER  
WITH ALCOHOL IN RELATION TO DRIVING SAFETY.  
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acute admin. - in vivo - mot. perform. - CNS - antidepressants -  
desipramine - imipramine B-2320.

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ASPIRIN AND ACUTE GASTROINTESTINAL BLEEDING.  
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E - SEC - review - DC (add. , infra-add. , unspec. incr. ) -  
humans - G. I. tract - analg. , antipyret. - aspirin B-2476.
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PSYCHOTOXIC REACTION DURING ETHIONAMIDE THERAPY.  
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E - general - case hist. - DC (add. , infra-add. , unspec. incr. ) -  
humans - unclass. ther. agents - ethionamide B-2446.
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THE EFFECTS OF SEDATIVES ON THE METABOLIC RATE  
DURING ALCOHOL WITHDRAWAL.  
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22-32 (23 ref. ), 1972.  
E - exp. cont. - cross-tol. - humans - drug-dep. humans - acute  
admin. - in vivo - psychol. perform. - CNS - metab. proc. -  
barbiturates - sed. , hypnot. - tranquilizers - amobarbital -  
clomethiazole - chlorpromazine - diazepam - haloperidol -  
paraldehyde B-2437.
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SUR L'ACTIVITÉ ANTIANAPHYLACTIQUE D'UN DÉRIVÉ DU  
THIOXANTHÈNE (BP 400 SANDOZ) CHEZ LE LAPIN. [THE  
ANTIANAPHYLACTIC ACTIVITY OF A THIOXANTHENE  
DERIVATIVE (BP 400 SANDOZ) IN THE RABBIT].  
Acta Allergologica (Stockholm), 22: 457-465 (9 ref. ), 1967.  
F - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - cardiovasc. - BP 400 B-2557.
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A NEW 2,6-DIFLUOROBENZODIAZEPINONE.  
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(10 ref. ), 1972.  
E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - CNS - tranquilizers -  
desmethyldiazepam - chlordiazepoxide - diazepam - 2,6-  
difluorobenzodiazepinone B-2404.

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 LES VARIATIONS DU TAUX D'ALCOOLÉMIE EN FONCTION DE  
 LA NATURE DES BOISSONS INGÉRÉES. [VARIATION IN BLOOD  
 ALCOHOL LEVEL AS A FUNCTION OF THE NATURE OF  
 INGESTED BEVERAGES].  
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 (0 ref. ), 1970.  
 F - exp. cont. - exp. comp. - congen. stud. - humans - acute  
 admin. - in vivo - blood lev. - metab. proc. - alcohols -  
 distilled spirits - wine - beer - aperitives B-2436.
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 L'INFLUENCE RELATIVE DES DIVERSES BOISSONS  
 ALCOOLLIQUES SUR LE TAUX D'ALCOOLÉMIE. [THE RELATIVE  
 EFFECT OF DIFFERENT ALCOHOLIC BEVERAGES ON THE  
 BLOOD ALCOHOL LEVEL].  
 Toxicomanies (Quebec), 4: 7-18 (6 ref. ), 1971.  
 F - exp. cont. - congen. stud. - humans - acute admin. - in  
 vivo - blood lev. - metab. proc. - alcohols - distilled spirits -  
 wine - beer B-2501.
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 EFFECT OF ETHANOL ON ENTRY OF SOME SUBSTANCES  
 INTO THE BRAINS OF RATS.  
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 833-840 (50 ref. ), 1971.  
 E-FS - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
 mammals - acute admin. - in vivo - blood lev. - absorp. ,  
 distrib. , stor. - metab. proc. - barbiturates - nutritive agents -  
 pentobarbital - thiamine -  $\gamma$ -aminobutyric acid B-2317.
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 ALCOHOL OXIDATION IN RATS INHIBITED BY PYRAZOLE,  
 OXIMES, AND AMIDES.  
 Science (Washington), 169: 282-283 (17 ref. ), 1970.  
 E - exp. cont. - exp. comp. - drug metab. enzyme syst. -  
 mammals - acute admin. - in vivo - other drug lev. - liver,  
 kidney - miscellaneous - pyrazole B-2442.
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 DRUG BIOTRANSFORMATION INTERACTIONS IN MAN:  
 NONNARCOTIC ANALGESICS.  
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 (17 ref. ), 1971.  
 E - review - DC (add. , infra-add. , unspec. incr. ) - humans -  
 metab. proc. - analg. , antipyret. - salicylate B-2462.

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HUMAN LIVER ALCOHOL DEHYDROGENASE: INHIBITION BY  
PYRAZOLE ANALOGUES.  
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(16 ref. ), 1969.  
E - exp. cont. - drug metab. enzyme syst. - humans - in vitro -  
liver, kidney - miscellaneous - pyrazole - 4-bromopyrazole -  
4-methylpyrazole - 4-iodopyrazole - 3,4-dibromopyrazole -  
3,4,5-tribromopyrazole - 3-methyl-4-iodopyrazole B-2281.
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INHIBITION OF LIVER ALCOHOL DEHYDROGENASE BY  
PRIMAQUINE AND 8-AMINO-6-METHOXYQUINOLINE  
COMPOUNDS.  
Biochemical Pharmacology (London), 21: 17-25 (33 ref. ), 1972.  
E - exp. cont. - drug metab. enzyme syst. - humans - mammals -  
in vitro - species or sex diff. - liver, kidney - unclass. ther.  
agents - chloroquine - primaquine - pamaquine - pentaquine -  
isopentaquine - 8-amino-6-methoxyquinoline -  
8-acetamido-6-methoxyquinoline - 8-(4'-amino-1'-methoxypro-  
pylamino)-6-methoxyquinoline - 8-(3'-amino-1'-methoxypropyla-  
mino)-6-methoxyquinoline - 4-4'-amino-1'-methylbutylamino)-7-  
chloroquinoline B-2244.
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NEW PATHWAY OF ETHANOL METABOLISM IN THE LIVER.  
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E - review - cross-tol. - DC (decrease) - DC (add. , infra-add. ,  
unspec. incr. ) - drug metab. enzyme syst. - liver,  
kidney B-2256.
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REDUCED NICOTINAMIDE-ADENINE DINUCLEOTIDE  
PHOSPHATE OXIDASE; ACTIVITY ENHANCED BY ETHANOL  
CONSUMPTION.  
Science (Washington), 170: 78-80 (14 ref. ), 1970.  
E - exp. cont. - drug metab. enzyme syst. - mammals - acute  
admin. - in vivo - liver, kidney - miscellaneous -  
pyrazole B-2441.
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Gang, H.  
EFFECTS OF PYRAZOLE ON HEPATIC FUNCTION AND  
STRUCTURE.  
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(23 ref. ), 1970.  
E - exp. cont. - drug metab. enzyme syst. - mammals - acute  
admin. - chronic admin. - in vivo - in vitro - liver, kidney -  
metab. proc. - miscellaneous - pyrazole B-2174.



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E - review - cross-tol. - drug metab. enzyme syst. - humans -  
drug-dep. humans - mammals - liver, kidney - B-2414.
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PARADOXICAL EFFECTS OF BARBITURATES ON ETHANOL METABOLISM.  
Gastroenterology (Baltimore), 60(1): 177 (3 ref. ), 1971.  
E - abst. - exp. cont. - DC (decrease) - DC (add. , infra-add. ,  
unspec. incr. ) - mammals - acute admin. - chronic admin. -  
in vivo - blood lev. - metab. proc. - barbiturates - sed. , hypnot. -  
phenobarbital - hexobarbital B-2173.
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RECENT DEVELOPMENTS AND TRENDS FOR FUTURE RESEARCH.  
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International Congress, Sydney, Australia, February, 1970.  
Sydney: Butterworths, pp. 459-461 (12 ref. ), 1971.  
E - general - review - cross-tol. - DC (decrease) - drug metab.  
enzyme syst. B-2381.
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INTERACTIONS OF ETHANOL, DRUG, AND LIPID METABOLISM:  
ADAPTIVE CHANGES AFTER ETHANOL CONSUMPTION.  
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E - review - DC (decrease) - DC (add. , infra-add. , unspec.  
incr. ) - drug metab. enzyme syst. - humans - drug-dep. humans -  
mammals - liver, kidney - metab. proc. B-2383.
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OXIDIZING SYSTEM (MEOS) FOR ETHANOL METABOLISM IN  
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E - exp. cont. - cross-tol. - drug metab. enzyme syst. -  
mammals - chronic admin. - in vivo - blood lev. - liver, kidney -  
barbiturates - miscellaneous - sed. , hypnot. - hexobarbital -  
phenobarbital - pyrazole B-2440.



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REDOX STATE OF RAT LIVER: EFFECTS OF ETHANOL,  
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E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - liver, kidney - metab.  
proc. - hormones, hormone antag. - sorbitol B-2528.
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INTERFERENCE OF ETHANOL AND SORBITOL WITH HEPATIC  
KETONE BODY METABOLISM IN NORMAL, HYPER- AND  
HYPOTHYROID RATS.  
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(44 ref. ), 1970.  
E - exp. cont. - drug metab. enzyme syst. - mammals - acute  
admin. - in vivo - liver, kidney - metab. proc. - elect. , water-  
bal. agents - sorbitol B-2175.
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SUPPRESSION BY ETHANOL OF ACETATE AND HEXANOATE  
OXIDATION STUDIES BY NONRECIRCULATING LIVER  
PERFUSION.  
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York), 41(3): 635-641 (10 ref. ), 1970.  
E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) - drug  
metab. enzyme syst. - mammals - in vitro - liver, kidney -  
metab. proc. - miscellaneous - acetate - hexanoate B-2176.
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EFFECTS OF ANTIHISTAMINES, CHLORMEZANONE AND  
ALCOHOL ON PSYCHOMOTOR SKILLS RELATED TO DRIVING.  
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247-254 (22 ref. ), 1973.  
E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - DC  
(unchanged) - mot. vehic. - humans - acute admin. - in vivo -  
mot. perform. - CNS - anti-infectants - musculoskel. agents -  
diphenhydramine - meclastine - chlormezanone B-2496.
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INTERACTION OF ISONIAZID AND ALCOHOL ON PSYCHOMOTOR  
SKILLS RELATED TO DRIVING.  
Scandinavian Journal of Clinical and Laboratory Investigation  
(Oslo), 31, Suppl. 130: 19 (0 ref. ), 1973.  
E - abst. - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
DC (unchanged) - humans - acute admin. - in vivo - mot.  
perform. - CNS - unclass. ther. agents - isoniazid B-2342.

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 TO DRIVING: DIAZEPAM AND ALCOHOL.  
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 186-194 (23 ref. ), 1973.  
 E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - mot.  
 vehic. - humans - acute admin. - in vivo - mot. perform. -  
 CNS - tranquilizers - diazepam B-2488.
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 INTERACTION OF ALCOHOL AND DRUGS ON PSYCHOMOTOR  
 SKILLS AS DEMONSTRATED BY A DRIVING SIMULATOR.  
 British Journal of Pharmacology (London), 47(3): 671P-672P  
 (3 ref. ), 1973.  
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 acute admin. - in vivo - mot. perform. - CNS - tranquilizers -  
 diazepam B-2534.
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 RENAL PELVIC TUMOUR ASSOCIATED WITH ANALGESIC  
 ABUSE.  
 Canadian Medical Association Journal (Toronto), 107: 768 and  
 771 (5 ref. ), 1972.  
 E - SEC - general - case hist. - conj. use - drug-dep. humans -  
 G. I. tract - analg. , antipyret. - hallucinogens - aspirin -  
 phenacetin - caffeine - codeine B-2563.
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 THE DAGGA SMOKER: A SURVEY.  
 South African Medical Journal, 46: 1400-1403 (9 ref. ), 1972.  
 E - stat. surv. - conj. use - DC (add. , infra-add. , unspec.  
 incr. ) - humans - CNS - hallucinogens - dagga B-2506.
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 DIE WIRKUNG VON BEMEGRID, PENTETRAZOL UND  
 NIKETHAMID AUF BLUTDRUCK, HERZFREQUENZ UND ATMUNG  
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 PRESSURE, HEART RATE, AND RESPIRATION IN ALCOHOL-  
 INTOXICATED RATS].  
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 G-ES - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
 mammals - acute admin. - in vivo - cardiovasc. - respir. -  
 stimulants - bemegride - pentetrazole - nikethamide B-2406.

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JUICES AND ALCOHOL ABSORPTION].  
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in vivo - blood lev. - absorp. , distrib. , stor. - G. I. tract -  
miscellaneous - spices B-2177.
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L'ALCOOL DANS LE FOIE ISOLÉ DE PORC. [INFLUENCE OF  
FRUCTOSE ON ALCOHOL METABOLISM IN ISOLATED PORK  
LIVER].  
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F - general - review - DC (decrease) - DC (unchanged) -  
mammals - in vitro - liver, kidney - metab. proc. - miscellan-  
eous - nutritive agents - fructose - d-glyceraldehyde B-2597.
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antipyret. - aspirin B-2575.
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E - abst. - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - chronic admin. - in vivo - blood lev. - blood comp. ,  
sites, lymph - liver, kidney - metab. proc. - indust. intox. -  
lead B-2223.
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BLOOD CONCENTRATIONS OF ACETALDEHYDE AND  
ETHANOL IN CHRONIC ALCOHOLICS.  
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admin. - in vivo - blood lev. - metab. proc. - alcohols -  
distilled spirits B-2603.
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BLOOD LEVELS OF ACETALDEHYDE AND METHANOL  
DURING CHRONIC ETHANOL INGESTION AND WITHDRAWAL.  
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E - exp. cont. - congen. stud. - DC (decrease) - drug metab.

enzyme syst. - drug-dep. humans - chronic admin. - in vivo -  
blood lev. - metab. proc. - alcohols - methanol B-2475.

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EXPERIMENTALLY INDUCED ETHANOL INTOXICATION IN  
ALCOHOLICS.  
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E - exp. - drug-dep. humans - chronic admin. - in vivo - blood  
lev. - metab. proc. - alcohols - methanol B-2169.
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SKOJARZONE DZIAŁANIE ALKOHOLU I LEKÓW A  
BEZPIECZEŃSTWO KOMUNIKACJI. [THE COMBINED EFFECT  
OF ALCOHOL AND DRUGS IN RELATION TO TRAFFIC SAFETY].  
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Po - review - DC (decrease) - DC (add., infra-add., unspec.  
incr.) - DC (sensit.) - mot. vehic. - humans - cardiovasc. -  
CNS - liver, kidney - metab. proc. - anti-infectants -  
barbiturates - hallucinogens - tranquilizers - unclass. ther.  
agents - antihistamines - disulfiram - morphine B-2455.
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CHEMISCH-TOXIKOLOGISCHE HARNUNTERSUCHUNGEN ZUR  
BEWEISSICHERUNG BEI ANGABEN ÜBER ARZNEIMITTELE-  
INNAHMEN DURCH ALKOHOLBEEINFLUSSTE PKW-FAHRER.  
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AUTOMOBILE DRIVERS REGARDING DRUG INTAKE].  
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G - general - stat. surv. - conj. use - mot. vehic. - humans -  
other drug lev. - CNS - analg., antipyret. - antidepressants -  
antispasmodics - hallucinogens - hormones, hormone antag. -  
sed., hypnot. - stimulants - tranquilizers - analgesics -  
opiates - anesthetics - anti-epileptic agents - neuroleptics -  
insulin B-2178.
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ON CARDIAC LIPOPROTEIN LIPASE ACTIVITY IN RATS.  
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E - exp. cont. - DC (decrease) - DC (add., infra-add., unspec.  
incr.) - DC (unchanged) - mammals - acute admin. - in vivo -  
in vitro - cardiovasc. - CNS - metab. proc. - cardiovasc. agents -  
unclass. ther. agents - reserpine - puromycin - actinomycin D -  
dibenamine hydrochloride - dihydroergotamine methanesulfonate -  
phentolamine hydrochloride - ideral B-2602.

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E - DC (decrease) - DC (add., infra-add., unspec. incr.) - humans - acute admin. - in vivo - senses - nutritive agents - sucrose - citric acid - quinine - sodium chloride B-2395.
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E - abst. - exp. comp. - DC (decrease) - DC (add., infra-add., unspec. incr.) - mammals - acute admin. - in vivo - CNS - amphetamines - cardiovasc. agents - miscellaneous - unclass. ther. agents - reserpine -  $\alpha$ -methyldopa -  $\alpha$ -methyl-p-tyrosine - p-chlorophenylalanine - amphetamine B-2227.
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E - general - case hist. - DC (sensit.) - humans - cardiovasc. - G. I. tract - respir. - Coprinus atramentarius B-2601.



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E - exp. cont. - DC (supra-add. incr. ) - mammals - acute admin. - in vivo - CNS - liver, kidney -  $\gamma$ -butyrolactone -  $\gamma$ -hydroxybutyrate B-2567.
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E - exp. comp. - cross-tol. - drug-dep. humans - acute admin. - in vivo - blood lev. - glands - metab. proc. - hormones, hormone antag. - sed. , hypnot. - tranquilizers - amylobarbitone - diazepam - insulin B-2179.
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EFFECT OF PHENOBARBITAL ADMINISTRATION ON ETHANOL OXIDIZING ENZYMES AND ON RATES OF ETHANOL DEGRADATION.  
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E - exp. cont. - DC (unchanged) - drug metab. enzyme syst. - mammals - acute admin. - chronic admin. - in vivo - blood lev. - liver, kidney - barbiturates - sed. , hypnot. - phenobarbital B-2322.
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distrib. , stor. - CNS - alcohols - methanol

B-2490.

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1970.

E - general - congen. stud. - humans - mammals - G. I. tract -

distilled spirits

B-2454.

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1971.

E - abst. - exp. cont. - DC (decrease) - EC (unchanged) -

mammals - acute admin. - in vivo - blood lev. - CNS - metab.

proc. - barbiturates - sed. , hypnot. - hexobarbital -

phenobarbital

B-2321.

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1967.

E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -

mammals - acute admin. - chronic admin. - in vivo - CNS -

unclass. ther. agents - cyprolidol

B-2546.

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Lonero, L. , Adamec, C. , Theodore, L. , and Jones, B.

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1972.

E - abst. - exp. - DC (add. , infra-add. , unspec. incr. ) -

humans - acute admin. - in vivo - mot. perform. - CNS -

hallucinogens - cannabis

B-2180.

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E - exp. cont. - DC (decrease) - mot. vehic. - humans - acute

admin. - in vivo - other drug lev. - mot. perform. - CNS -

doxepin

B-2452.

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OF THE MARIJUANA PROBLEM.  
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E - stat. surv. - conj. use - humans - hallucinogens -  
marijuana B-2600.
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BARBITAL METABOLISM AFTER CHRONIC ETHANOL  
ADMINISTRATION IN MAN AND RATS.  
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E - exp. cont. - cross-tol. - drug metab. enzyme syst. - humans -  
drug-dep. humans - mammals - acute admin. - chronic admin. -  
in vivo - in vitro - blood lev. - other drug lev. - CNS - liver,  
kidney - barbiturates - sed. , hypnot. - tranquilizers -  
meprobamate - pentobarbital B-2332.
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EFFET DU TANIN SUR LA STÉATOGENÈSE HÉPATIQUE DE  
L'ETHANOL CHEZ LE RAT. [EFFECT OF TANNIN ON THE  
LIPOGENIC EFFECT OF ETHANOL IN RAT LIVER].  
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F-ES-GS - exp. cont. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - chronic admin. - in vivo - liver, kidney - metab.  
proc. - anti-infectants - tannin B-2449.
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OYLBENZODIAZEPINES.  
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1081 (9 ref. ), 1972.  
E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
mammals - acute admin. - in vivo - CNS - tranquilizers - 1-  
carbamoylbenzodiazepines - diazepam - RO 5-4528 B-2405.
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MÉDICAMENTS PSYCHOTROPES, ALCOOL ET CONDUITE  
AUTOMOBILE. [PSYCHOTROPIC DRUGS, ALCOHOL, AND  
AUTOMOBILE DRIVING].  
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F - general - DC (supra-add. incr. ) - DC (add. , infra-add. ,  
unspec. incr. ) - mot. vehic. - humans - CNS - antidepressants -  
tranquilizers - chlorpromazine - flumethazine - diazepam -  
haloperidol - imipramine B-2505.

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 DOPAMINA EN EL EFECTO ANALGESICO DEL ETANOL.  
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 DOPAMINE ON THE ANALGESIC EFFECT OF ETHANOL].  
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 8-10 (23 ref. ), 1970.  
 Sp-ES - exp. cont. - DC (decrease) - DC (add. , infra-add. ,  
 unspec. incr. ) - DC (unchanged) - mammals - acute admin. -  
 in vivo - CNS - antidepressants - cardiovasc. agents -  
 miscellaneous - reserpine - nialamide - L-DOPA -  
 dopamine B-2368.
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 EFFECT OF ASPIRIN AND ETHANOL ON THE GASTRIC MUCOSA  
 OF THE RAT.  
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 E - exp. comp. - DC (add. , infra-add. , unspec. incr. ) -  
 mammals - acute admin. - in vivo - G. I. tract - analg. ,  
 antipyret. - aspirin B-2331.
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 INTERACTION OF GLUTETHIMIDE AND PHENOBARBITONE  
 WITH ETHANOL IN MAN.  
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 (4 ref. ), 1972.  
 E - exp. cont. - DC (decrease) - DC (supra-add. incr. ) - humans -  
 acute admin. - in vivo - blood lev. - other drug lev. - mot.  
 perform. - blood comp. , sites, lymph - CNS - liver, kidney -  
 barbiturates - sed. , hypnot. - glutethimide -  
 phenobarbital B-2181.
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 ESTUDIOS SOBRE LA ESPASTICIDAD. II. UTILIDAD DE LAS  
 INFILTRACIONES DE ALCOHOL NOVOCAÍNA PARA REDUCIR LA  
 ESPASTICIDAD SOBREVENIDA EN EL SUJETO ADULTO.  
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 INFILTRATIONS TO REDUCE SPASTICITY IN THE ADULT  
 PATIENT].  
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 Sp-ES-FS-GS - general - DC (add. , infra-add. , unspec. incr. ) -  
 humans - CNS - skel. , muscle, skin - analg. , antipyret. -  
 novocaine B-2330.
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 A METHOD TO MEASURE INTERACTIONS OF VARIOUS AGENTS  
 AND ETHANOL ON BEHAVIORAL PERFORMANCE IN RATS.  
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 E - exp. cont. - DC (add. , infra-add. , unspec. incr. ) - DC  
 (unchanged) - mammals - mot. perform. - CNS - anticonvulsants -  
 gastrointest. agents - nutritive agents - unclass. ther. agents -  
 dl-threonine - d-fructose - sodium pyruvate - l-methionine -  
 dl-glutamine - sodium succinate - choline bitartrate - l-carnitine -  
 sodium glutamate - N-acetyl glucosamine - nicotinic acid -  
 desmethylecarnitine - p-chlorophenylalanine B-2537.
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 EFECTOS ELECTROENCEFALOGRAFICOS DE ALGUNAS  
 BEBIDAS ALCOHOLICAS. [ELECTROENCEPHALOGRAPHIC  
 EFFECTS OF SOME ALCOHOLIC BEVERAGES].  
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 Suppl. No. 3: 68-72 (4 ref. ), 1969.  
 Sp - exp. comp. - congen. stud. - humans - acute admin. - in  
 vivo - other drug lev. - CNS - alcohols - distilled spirits B-2409.
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 ELECTROENCEPHALOGRAPHIC EFFECTS OF SOME  
 ALCOHOLIC BEVERAGES.  
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 E - exp. comp. - congen. stud. - humans - acute admin. - in  
 vivo - other drug lev. - CNS - alcohols - distilled spirits B-2410.
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 THE IMPORTANCE OF CONGENERS IN THE EFFECTS OF  
 ALCOHOLIC BEVERAGES.  
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 Alcoholism. New York: Wiley-Interscience, pp. 209-234  
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 E - review - congen. stud. - humans - mammals - alcohols -  
 distilled spirits B-2380.
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 TÖDLICHE VERGIFTUNG DURCH CHLORALHYDRAT. [LETHAL  
 POISONING BY CHLORAL HYDRATE].  
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 G-ES-RS - general - case hist. - DC (add. , infra-add. , unspec.  
 incr. ) - humans - CNS - sed. , hypnot. - chloral hydrate B-2495.
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 MICROSOMES FROM THE PROLONGED ETHANOL-TREATED  
 RATS.  
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 E - exp. cont. - drug metab. enzyme syst. - mammals - chronic  
 admin. - liver, kidney B-2596.



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MICROSOMES FROM PROLONGED ETHANOL-TREATED RATS.  
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E - exp. cont. - drug metab. enzyme syst. - mammals - chronic  
admin. - in vivo - liver, kidney B-2343.
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AND SYNTHETIC BOURBON IN DOGS.  
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E - exp. comp. - congen. stud. - mammals - in vivo - blood  
lev. - cardiovasc. - bourbon B-2182.
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RESPONSES TO ETHANOL AND ACETALDEHYDE.  
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E - exp. cont. - DC (add., infra-add., unspec. incr.) -  
mammals - acute admin. - in vivo - cardiovasc. - cardiovasc.  
agents - miscellaneous - pyrazole - reserpine B-2485.
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Kerridge, D. F.  
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HAEMORRHAGE.  
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G. I. tract - analg., antipyret. - aspirin B-2250.
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 $\Delta^9$ -TETRAHYDROCANNABINOL AND ETHYL ALCOHOL:  
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E - exp. cont. - cross-tol. - mammals - acute admin. - chronic  
admin. - in vivo - mot. perform. - CNS - hallucinogens -  
 $\Delta$ -tetrahydrocannabinol B-2232.
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ADMINISTRATION: A STRAIN-GUAGE ANALYSIS OF DEPRESSED  
VENTRICULAR DYNAMICS.  
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E - exp. comp. - DC (decrease) - mammals - acute admin. -  
in vivo - cardiovasc. - skel., muscle, skin - cardiovasc. agents -  
ouabain B-2254.

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 lasiocarpine B-2408.

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 humans - acute admin. - in vivo - blood lev. - mot. perform. -  
 CNS - metab. proc. - alcohols - antispasmodics - indust. intox. -  
 n-propanol - i-propanol - n-butanol - i-butanol - methyl acetate -  
 ethyl acetate - n-butyl acetate - methylethyl ketone - methyl-1-  
 butyl ketone - benzene B-2187.

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 prethcamide - megimide B-2508.

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 mammals - acute admin. - in vivo - metab. proc. - unclass. ther.  
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 iron B-2472.
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metab. enzyme syst. - mammals - in vitro - metab. proc. -  
miscellaneous - pyrazole - 4-bromo-pyrazole - 3,4-dibromo-  
pyrazole - 3,4,5-tribromo-pyrazole - 4-iodo-pyrazole - 3,4-  
diiodo-pyrazole - 3,4,5-triiodo-pyrazole - 4-nitro-pyrazole -  
3,5-dimethyl-pyrazole - 1-methyl-pyrazole - 3-methyl-pyrazole -  
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in vitro - metab. proc. - miscellaneous - 3 $\beta$ -hydroxy-5 $\beta$ -cholanoic  
acid - pyrazole - 4-iodo-pyrazole - 4-bromo-pyrazole - 4-methyl-  
pyrazole B-2191.

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 miscellaneous - pyrazole - 4-bromopyrazole B-2325.
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 mammals - acute admin. - in vivo - CNS - miscellaneous -  
 pyrazole - 4-bromo-pyrazole B-2583.
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 marcoumar - indalitan B-2540.
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 acute admin. - in vivo - blood lev. - liver, kidney - barbiturates -  
 miscellaneous - sed. , hypnot. - phenobarbital - benzopyrene -  
 pyrazole - 3-amino-1,2,4-triazole - 2,4-dichloro-6-phenoxy-  
 ethylamine B-2453.
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perform. - psychol. perform. - cardiovasc. - sed. , hypnot. -  
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in vitro - liver, kidney - miscellaneous - pyrazole B-2205.
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thiourea B-2370.
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- Slánská, J. 1933
- Slusher, N. 1782
- Smith, A. A. 1672, 1899, 1900
- Smith, C. M. 1732
- Smith, D. E. 1891
- Smith, G. W. 1764
- Smith, R. P. 1664
- Soehring, K. 1684
- Solodkowska, W. 1901
- Sörensen, E. W. 1902
- Spach, C. 1519
- Spallholz, J. E. 1903
- Spasić, P. 1787
- Springer, E. 1528
- Stade, K. 1522
- Stathers, G. M. 1904
- Stearns, F. 1609
- Steele, J. W. 1706, 1707
- Steinhilber, E. 1879
- Stenbäck, F. 1905
- Stevenson, I. H. 1520
- Stimmel, B. 1906
- Stone, G. C. 1705
- Stowers, J. M. 1907
- Streichenberger, G. 1543
- Styszewska, H. 1660
- Suchowsky, G. K. 1908
- Suggs, J. E. 1909
- Sugishita, Y. 1834
- Summerfield, A. 1706, 1707
- Sunano, S. 1910

- Svensson, T. H. 1560  
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 Tate, R. L. 1911  
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 Tennant, F. S. 1912  
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 Thomas, B. H. 1579, 1580, 1582  
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 Timmerman, H. 1641  
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 Traiger, G. J. 1918, 1919  
 Trenholm, H. L. 1579, 1580, 1581, 1582, 1946  
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 Turnbull, M. J. 1520  
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 Tyce, G. M. 1923  
 Uete, T. 1924  
 Ugarte, G. 1925, 1926  
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 Valicenti, J. F., Jr. 1813  
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 van Hell, G. 1641  
 Vapaatalo, H. 1928  
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 Vasquez, D. 1631  
 Veech, R. L. 1670  
 Veldkamp, W. 1674  
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 Villeneuve, D. C. 1932  
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 Votava, Z. 1934  
 Wagner, H. J. 1935  
 Wahlström, G. 1936  
 Walczak, J. 1660  
 Walker, F. 1937  
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 Walsh, M. J. 1593, 1663, 1882  
 Wang, J. H. 1957  
 Ward, J. W. 1591  
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 Wartburg, J. P. von 1941  
 Waterhouse, C. 1703  
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 Watterson, J. R. 1591  
 Weber, F. S. 1953  
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- Weissman, A. 1942  
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Weppner, R. S. 1944  
Weymouth, R. J. 1945  
Whittle, B. A. 1940  
Wiberg, G. S. 1581, 1582, 1946  
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Wimbish, G. H. 1951  
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Woenckhaus, C. 1952  
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Ylikahri, R. H. 1668, 1709, 1956  
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Young, J. M. 1957  
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Zandberg, P. 1641  
Zech, R. 1959  
Żelazny, T. 1838  
Zillmann, J. 1871  
Zimmerman, H. J. 1523  
Zinberg, N. E. 1960  
Zöllner, N. 1676

## KEY WORD INDEX

### QUALIFICATION OF PAPER

1. **SEC** secondary article (article in which the main aim is not to investigate or discuss the interaction of ethanol with other compounds, but some oblique reference to combined effects is made, or else the space pertinent to ethanol interaction is a relatively small part of the whole text)  
1507, 1521, 1534, 1546, 1553, 1569, 1585, 1619, 1625, 1633, 1701, 1721, 1737, 1764, 1796, 1823, 1864, 1910, 1940, 1944

### TYPE OF PAPER

2. **abst.** abstract only  
1505, 1542, 1549, 1563, 1579, 1581, 1582, 1598, 1605, 1664, 1670, 1706, 1713, 1723, 1724, 1753, 1761, 1770, 1780, 1786, 1789, 1791, 1817, 1818, 1826, 1832, 1868, 1869, 1879, 1883, 1892, 1898, 1925, 1929, 1946, 1950, 1951
3. **exp. cont.** experimental study, controlled  
1501, 1502, 1503, 1506, 1515, 1516, 1519, 1520, 1522, 1523, 1525, 1526, 1527, 1530, 1531, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1543, 1544, 1550, 1551, 1552, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1569, 1570, 1571, 1572, 1573, 1577, 1580, 1581, 1582, 1583, 1585, 1586, 1587, 1588, 1589, 1591, 1593, 1594, 1595, 1596, 1599, 1600, 1601, 1602, 1604, 1606, 1609, 1610, 1611, 1615, 1617, 1620, 1621, 1622, 1623, 1624, 1629, 1630, 1631, 1632, 1636, 1637, 1640, 1641, 1643, 1644, 1645, 1648, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1661, 1662, 1664, 1666, 1667, 1668, 1669, 1672, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1690, 1692, 1693, 1697, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1707, 1708, 1710, 1711, 1715, 1717, 1718, 1719, 1722, 1726, 1727, 1728, 1729, 1732, 1735, 1736, 1739, 1742, 1743, 1745, 1747, 1748, 1750, 1751, 1753, 1756, 1757, 1758, 1760, 1761, 1762, 1763, 1766, 1770, 1772, 1776, 1777, 1779, 1782, 1785, 1789, 1790, 1792, 1794, 1795, 1798, 1800, 1802, 1807, 1808, 1809, 1810, 1812, 1814, 1815,

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4. **exp. comp.** experimental study, comparative  
1521, 1528, 1529, 1542, 1579, 1591, 1607, 1608, 1613, 1660, 1674, 1675, 1677, 1685, 1696, 1706, 1709, 1712, 1713, 1723, 1724, 1725, 1740, 1741, 1744, 1759, 1766, 1767, 1771, 1780, 1784, 1796, 1799, 1803, 1809, 1813, 1824, 1839, 1852, 1853, 1889, 1894, 1908, 1920, 1925, 1931, 1957
5. **exp.** experimental study, other than items 3 and 4  
1505, 1553, 1619, 1627, 1628, 1670, 1676, 1773, 1791, 1816, 1817, 1833, 1897, 1898, 1955
6. **general** general paper, with no original experimental or statistical research  
1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1517, 1518, 1524, 1532, 1568, 1574, 1575, 1576, 1578, 1584, 1592, 1597, 1612, 1614, 1616, 1626, 1633, 1638, 1639, 1642, 1646, 1647, 1659, 1660, 1663, 1667, 1673, 1689, 1691, 1695, 1698, 1714, 1720, 1730, 1731, 1738, 1754, 1764, 1768, 1769, 1775, 1778, 1781, 1787, 1788, 1797, 1801, 1806, 1811, 1825, 1827, 1829, 1848, 1849, 1850, 1859, 1860, 1862, 1865, 1866, 1872, 1877, 1878, 1882, 1890, 1893, 1895, 1904, 1907, 1910, 1913, 1922, 1927, 1935, 1937
7. **review** review of literature  
1512, 1514, 1603, 1618, 1634, 1649, 1650, 1651, 1665, 1689, 1716, 1721, 1733, 1734, 1737, 1746, 1749, 1752, 1754, 1755, 1768, 1774, 1805, 1827, 1850, 1858, 1866, 1878, 1949

8. **stat. surv.** statistical research or survey  
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1765, 1775, 1783, 1793, 1825, 1843, 1844,  
1864, 1891, 1906, 1912, 1943, 1944, 1947,  
1960

# SUBJECT OF PAPER

9. **case hist.** case histories  
1517, 1518, 1532, 1574, 1592, 1627, 1642,  
1660, 1695, 1730, 1738, 1764, 1769, 1781,  
1787, 1806, 1829, 1859, 1860, 1873, 1893,  
1895, 1904
10. **congen. stud.** congener studies  
1519, 1538, 1649, 1650, 1651, 1665, 1742,  
1743, 1771, 1772, 1788, 1803, 1804, 1805,  
1809, 1937, 1954
11. **conj. use** conjunctive use (use of alcohol plus  
other drugs--occasionally applied to predisposing  
sequential use of alcohol and other drugs)  
1504, 1518, 1524, 1545, 1546, 1547, 1548,  
1554, 1574, 1592, 1593, 1597, 1647, 1671,  
1705, 1730, 1731, 1764, 1765, 1769, 1775,  
1783, 1793, 1829, 1843, 1864, 1891, 1904,  
1906, 1912, 1943, 1947, 1960
12. **cross-tol.** cross-tolerance  
1563, 1565, 1593, 1597, 1669, 1685, 1688,  
1689, 1705, 1714, 1716, 1718, 1739, 1749,  
1752, 1754, 1756, 1784, 1794, 1812, 1866,  
1882, 1890, 1927, 1931, 1936
13. **DC (antidotal)** drug combinations--antidotal  
use in clinical treatment (exclude item 14)  
1511, 1517, 1525, 1575, 1639, 1642, 1819,  
1838, 1858, 1860
14. **DC (decrease)** drug combinations--decrease  
of drug effects (exclude item 13)  
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1526, 1533, 1539, 1541, 1551, 1552, 1555,  
1556, 1560, 1561, 1566, 1570, 1571, 1572,  
1573, 1578, 1586, 1588, 1589, 1595, 1598,  
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1841, 1842, 1844, 1846, 1847, 1856, 1858,  
1861, 1863, 1867, 1868, 1870, 1871, 1872,  
1878, 1880, 1886, 1899, 1910, 1911, 1913,  
1915, 1920, 1924, 1928, 1930, 1931, 1935,  
1945, 1946, 1948, 1950, 1956, 1958
15. **DC (supra-add. incr.)** drug combinations--  
supra-additive (more than additive) of  
drug effects (if specifically stated as such  
in the paper)  
1512, 1550, 1634, 1651, 1734, 1858
16. **DC (add., infra-add., unspec. incr.)** drug  
combinations--additive, infra-additive  
(less than additive), or unspecified increase  
of drug effects  
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1527, 1529, 1531, 1532, 1534, 1535, 1536,  
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1840, 1844, 1848, 1850, 1851, 1852, 1854,  
1858, 1866, 1868, 1869, 1873, 1874, 1875,  
1876, 1878, 1879, 1881, 1883, 1884, 1885,  
1887, 1888, 1898, 1900, 1902, 1904, 1905,  
1908, 1911, 1913, 1914, 1916, 1918, 1919,  
1921, 1922, 1929, 1932, 1933, 1934, 1935,  
1940, 1942, 1946, 1951, 1956, 1958
17. **DC (unchanged)** drug combinations--  
unchanged drug effects  
1503, 1507, 1508, 1528, 1542, 1544, 1550,  
1551, 1559, 1569, 1570, 1576, 1577, 1587,  
1590, 1598, 1606, 1607, 1608, 1610, 1615,  
1617, 1619, 1621, 1622, 1624, 1626, 1635,  
1653, 1657, 1666, 1667, 1668, 1669, 1688,  
1694, 1698, 1700, 1708, 1711, 1712, 1715,  
1717, 1718, 1724, 1732, 1735, 1736, 1760,  
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1822, 1824, 1826, 1827, 1835, 1837, 1851,  
1888, 1892, 1896, 1901, 1907, 1914, 1925,  
1926, 1928, 1933, 1942, 1951, 1953
18. **DC (unspec.)** drug combinations--  
unspecified drug effects  
1507, 1613, 1625
19. **DC (sensit.)** drug combinations--  
sensitization or intolerance to alcohol  
1509, 1569, 1576, 1584, 1626, 1659, 1695,  
1703, 1733, 1734, 1774, 1781, 1849, 1865,  
1878, 1893, 1895, 1907, 1922, 1935, 1938,  
1939
20. **drug metab. enzyme syst.** drug metabolizing  
enzyme systems--effects of alcohol on  
drug-metabolizing enzymes, or of drugs  
on alcohol-metabolizing enzymes or  
enzyme systems  
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1564, 1565, 1591, 1594, 1599, 1600, 1605,  
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1807, 1808, 1817, 1828, 1830, 1832, 1833,  
1835, 1845, 1852, 1853, 1855, 1857, 1862,  
1866, 1877, 1878, 1889, 1894, 1896, 1897,  
1903, 1909, 1911, 1913, 1915, 1916, 1917,  
1941, 1949, 1952, 1955, 1957, 1959



21. **med. -leg.** medico-legal  
1545, 1546, 1548, 1691, 1872
22. **mot. vehic.** operation of motor vehicles or simulators (including all forms of surface and air motor transport)  
1545, 1546, 1547, 1548, 1583, 1606, 1618, 1653, 1691, 1720, 1735, 1736, 1760, 1761, 1762, 1774, 1775, 1792, 1797, 1824, 1837, 1872
23. **post-mort.** post-mortem findings in interaction poisonings  
1628, 1787

#### SUBJECTS OR BEINGS AFFECTED

24. **humans** humans, healthy or to whom item 25 does not apply  
1504, 1507, 1508, 1509, 1511, 1512, 1513, 1517, 1528, 1529, 1532, 1541, 1545, 1546, 1547, 1548, 1553, 1554, 1556, 1557, 1559, 1563, 1564, 1565, 1568, 1569, 1572, 1575, 1576, 1578, 1583, 1584, 1587, 1603, 1606, 1607, 1608, 1612, 1613, 1614, 1615, 1616, 1618, 1619, 1626, 1627, 1628, 1630, 1634, 1639, 1642, 1646, 1649, 1650, 1653, 1657, 1658, 1659, 1660, 1665, 1673, 1676, 1685, 1689, 1691, 1694, 1695, 1697, 1698, 1700, 1703, 1705, 1720, 1721, 1726, 1728, 1729, 1731, 1734, 1735, 1736, 1737, 1738, 1739, 1742, 1743, 1746, 1747, 1748, 1752, 1755, 1760, 1761, 1762, 1763, 1767, 1774, 1775, 1778, 1779, 1781, 1783, 1787, 1788, 1791, 1792, 1793, 1794, 1797, 1800, 1801, 1803, 1804, 1805, 1806, 1811, 1814, 1818, 1821, 1824, 1825, 1826, 1827, 1838, 1840, 1848, 1849, 1856, 1858, 1859, 1860, 1862, 1864, 1866, 1872, 1873, 1877, 1878, 1879, 1880, 1883, 1884, 1885, 1891, 1893, 1895, 1904, 1907, 1912, 1913, 1915, 1920, 1927, 1929, 1930, 1931, 1934, 1938, 1939, 1941, 1943, 1956, 1960
25. **drug-dep. humans** humans, drug-dependent or drug-dependence prone  
1504, 1510, 1517, 1518, 1524, 1532, 1554, 1556, 1563, 1565, 1574, 1586, 1592, 1597, 1633, 1635, 1638, 1647, 1660, 1671, 1688, 1714, 1724, 1725, 1730, 1731, 1739, 1752, 1755, 1764, 1769, 1771, 1772, 1773, 1783, 1784, 1786, 1794, 1829, 1837, 1843, 1866, 1882, 1889, 1890, 1891, 1906, 1913, 1922, 1925, 1926, 1933, 1944, 1947
26. **mammals** mammals (excluding humans)  
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27. **other org.** other organisms  
1595, 1611, 1631, 1645, 1655, 1692, 1842, 1870, 1897, 1937, 1958, 1959

#### DRUG ADMINISTRATION IN EXPERIMENTAL STUDIES

28. **acute admin.** acute administration  
1501, 1502, 1503, 1505, 1506, 1510, 1515, 1516, 1522, 1525, 1527, 1528, 1529, 1530, 1531, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1543, 1544, 1550, 1551, 1552, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1563, 1564, 1565, 1566, 1567, 1570, 1571, 1572, 1579, 1580, 1581, 1582, 1583, 1586, 1587, 1588, 1590, 1594, 1598, 1599, 1600, 1601, 1602, 1604, 1606, 1607, 1608, 1609, 1610, 1613, 1615, 1617, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1629, 1630, 1631, 1632, 1635, 1636, 1637, 1640, 1641, 1643, 1644, 1645, 1649, 1650, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1666, 1670, 1672, 1674, 1675, 1676, 1677, 1680, 1681, 1682, 1683, 1685, 1686, 1687, 1693, 1694, 1697, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1709, 1711, 1712, 1713, 1717, 1718, 1722, 1723, 1724, 1725, 1726, 1727, 1735, 1736, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1750, 1751, 1753, 1757, 1758, 1760, 1761, 1762, 1763, 1766, 1767, 1776, 1777, 1779, 1780, 1782, 1784, 1785, 1789, 1790, 1791, 1792, 1794, 1796, 1798, 1799, 1800, 1803, 1804, 1809, 1810, 1812, 1813, 1815, 1816, 1818, 1819, 1820, 1821, 1822, 1824, 1826, 1831, 1834, 1835, 1837, 1838, 1839, 1842, 1847, 1851, 1854, 1855, 1856, 1857, 1861, 1863, 1868, 1869, 1871, 1876, 1879, 1880, 1881, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1892, 1899, 1908, 1917, 1918, 1919, 1920, 1921, 1923, 1925, 1926, 1928, 1930, 1931, 1932, 1933, 1934, 1936, 1938, 1939, 1940, 1941, 1942, 1945, 1946, 1951, 1958
29. **chronic admin.** chronic administration  
1519, 1531, 1542, 1544, 1549, 1550, 1551, 1553, 1569, 1582, 1585, 1588, 1596, 1605, 1624, 1636, 1640, 1648, 1654, 1657, 1660, 1669,

- 1670, 1679, 1681, 1690, 1693, 1699, 1702, 1706, 1707, 1709, 1710, 1718, 1739, 1751, 1753, 1756, 1770, 1771, 1772, 1773, 1777, 1785, 1786, 1790, 1794, 1795, 1807, 1808, 1812, 1833, 1836, 1841, 1883, 1884, 1885, 1896, 1901, 1902, 1905, 1917, 1925, 1926, 1930, 1931, 1936, 1953, 1954
30. **in vivo** in vivo (drug administration used as criterion)  
1501, 1502, 1503, 1505, 1506, 1510, 1515, 1516, 1519, 1522, 1525, 1527, 1528, 1529, 1530, 1531, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1549, 1550, 1552, 1553, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1564, 1565, 1566, 1567, 1569, 1570, 1571, 1572, 1579, 1580, 1581, 1582, 1583, 1585, 1586, 1587, 1588, 1590, 1594, 1595, 1596, 1598, 1599, 1600, 1601, 1602, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1613, 1615, 1617, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1629, 1630, 1631, 1632, 1635, 1636, 1637, 1640, 1641, 1643, 1644, 1645, 1648, 1649, 1650, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1660, 1666, 1669, 1670, 1672, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1685, 1686, 1687, 1690, 1693, 1694, 1697, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1709, 1710, 1711, 1712, 1713, 1715, 1717, 1718, 1722, 1723, 1724, 1725, 1726, 1727, 1735, 1736, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1750, 1751, 1753, 1756, 1757, 1758, 1760, 1761, 1762, 1763, 1766, 1767, 1770, 1771, 1772, 1773, 1776, 1777, 1779, 1780, 1782, 1784, 1785, 1786, 1789, 1790, 1791, 1792, 1794, 1795, 1796, 1798, 1799, 1800, 1803, 1804, 1808, 1809, 1810, 1812, 1813, 1815, 1816, 1818, 1819, 1820, 1822, 1824, 1826, 1831, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1841, 1842, 1847, 1851, 1854, 1855, 1856, 1857, 1863, 1868, 1869, 1871, 1876, 1879, 1880, 1881, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1892, 1896, 1899, 1901, 1902, 1905, 1908, 1917, 1918, 1919, 1920, 1921, 1923, 1925, 1926, 1928, 1930, 1931, 1932, 1933, 1934, 1936, 1938, 1940, 1941, 1942, 1945, 1946, 1951, 1953, 1954, 1955, 1958
31. **in vitro** in vitro (drug administration used as criterion)  
1501, 1520, 1521, 1523, 1526, 1530, 1549, 1561, 1562, 1563, 1573, 1577, 1581, 1589, 1591, 1593, 1604, 1611, 1632, 1655, 1661, 1662, 1667, 1668, 1682, 1684, 1692, 1696, 1708, 1709, 1715, 1717, 1718, 1719, 1729, 1732, 1747, 1748, 1751, 1759, 1768, 1776, 1777, 1794, 1814, 1817, 1821, 1823, 1828, 1830, 1832, 1840, 1845, 1846, 1852, 1853, 1861, 1867, 1870, 1874, 1875, 1884, 1894, 1897, 1898, 1903, 1909, 1910, 1911, 1914, 1915, 1916, 1924, 1929, 1932, 1937, 1941, 1946, 1948, 1950, 1952, 1956, 1957, 1959
32. **dose resp.** dose response curve  
1527, 1528, 1599
33. **blood lev.** levels of drugs in blood  
1501, 1510, 1525, 1527, 1528, 1529, 1536, 1539, 1541, 1551, 1552, 1553, 1556, 1558, 1564, 1570, 1572, 1580, 1582, 1583, 1586, 1590, 1608, 1609, 1615, 1617, 1628, 1630, 1635, 1636, 1643, 1652, 1653, 1655, 1656, 1658, 1660, 1669, 1670, 1672, 1677, 1678, 1680, 1681, 1688, 1704, 1709, 1710, 1724, 1725, 1726, 1728, 1735, 1742, 1743, 1744, 1753, 1756, 1767, 1770, 1771, 1772, 1773, 1777, 1784, 1785, 1789, 1794, 1800, 1809, 1824, 1833, 1837, 1857, 1869, 1879, 1881, 1884, 1917, 1921, 1923, 1925, 1926, 1930, 1931, 1936
34. **other drug lev.** levels of drugs, other than in blood (urine, breath, sweat, saliva, or faecal levels)  
1525, 1528, 1529, 1533, 1559, 1635, 1660, 1678, 1680, 1686, 1735, 1745, 1775, 1792, 1794, 1800, 1803, 1804, 1879, 1884, 1921
35. **mot. perform.** motor performance  
1503, 1527, 1536, 1538, 1550, 1551, 1557, 1560, 1571, 1572, 1583, 1587, 1606, 1630, 1643, 1649, 1650, 1652, 1664, 1685, 1701, 1705, 1712, 1713, 1727, 1728, 1735, 1736, 1760, 1761, 1762, 1763, 1791, 1792, 1800, 1802, 1812, 1824, 1869, 1883, 1885, 1908, 1933, 1934
36. **psychol. perform.** psychological performance  
1557, 1571, 1606, 1649, 1650, 1664, 1706, 1707, 1728, 1739, 1818, 1883, 1933
37. **species or sex diff.** species or sex differences in response  
1591, 1609, 1669, 1748, 1901
- ANATOMICAL COMPONENTS OR PHYSIOLOGICAL PROCESSES AFFECTED BY INTERACTION
38. **absorp., distrib., stor.** absorption, distribution, or storage  
1579, 1580, 1582, 1689, 1744, 1767, 1787, 1841, 1851, 1902, 1921, 1949
39. **acid-base, blood pH, elect.** acid-base balance, blood pH, electrolytes  
1511, 1575, 1578, 1673, 1676, 1695, 1703, 1873, 1893
40. **blood comp., sites, lymph** blood components (blood cells, platelets, plasma), cell-forming sites, and lymph  
1519, 1659, 1683, 1721, 1722, 1729, 1800, 1819, 1840, 1856, 1884, 1929
41. **cardiovasc.** cardiovascular system (heart, blood vessels, blood circulation)  
1512, 1514, 1519, 1569, 1583, 1584, 1596, 1601, 1616, 1619, 1626, 1651, 1653, 1659, 1705, 1733, 1740, 1766, 1774, 1776, 1778, 1781, 1809, 1810, 1813, 1821, 1825, 1834, 1848, 1856, 1878, 1883, 1885, 1892, 1907, 1938, 1939, 1954
42. **CNS** central nervous system  
1503, 1504, 1505, 1508, 1514, 1522, 1526, 1527, 1529, 1531, 1536, 1537, 1538, 1539,

#### RESULTS OF DRUG INTAKE IN EXPERIMENTAL AND NON-EXPERIMENTAL PAPERS



- 1540, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1557, 1559, 1560, 1566, 1567, 1570, 1571, 1572, 1574, 1583, 1585, 1587, 1593, 1597, 1598, 1599, 1606, 1607, 1608, 1612, 1613, 1614, 1615, 1617, 1618, 1620, 1622, 1627, 1629, 1630, 1633, 1634, 1637, 1638, 1641, 1643, 1644, 1646, 1649, 1650, 1651, 1652, 1664, 1665, 1672, 1674, 1675, 1685, 1687, 1689, 1691, 1694, 1697, 1698, 1699, 1701, 1702, 1705, 1706, 1707, 1711, 1712, 1713, 1714, 1716, 1720, 1723, 1727, 1728, 1734, 1735, 1736, 1739, 1741, 1760, 1761, 1762, 1763, 1765, 1774, 1775, 1776, 1778, 1780, 1782, 1783, 1787, 1789, 1790, 1791, 1792, 1794, 1796, 1797, 1798, 1800, 1801, 1802, 1803, 1804, 1806, 1812, 1815, 1818, 1822, 1824, 1829, 1831, 1837, 1838, 1844, 1847, 1848, 1850, 1855, 1858, 1866, 1868, 1869, 1871, 1872, 1873, 1878, 1882, 1885, 1886, 1887, 1888, 1890, 1892, 1899, 1908, 1922, 1923, 1932, 1933, 1934, 1935, 1936, 1940, 1942, 1949, 1951
43. **G. I. tract** gastro-intestinal tract, its glands and secretions  
1561, 1568, 1616, 1621, 1737, 1764, 1767, 1781, 1788, 1799, 1811, 1851, 1862, 1910, 1920
44. **glands** glands (endocrine and exocrine) and their secretions, except items 43 and 45  
1507, 1541, 1550, 1569, 1596, 1610, 1620, 1625, 1636, 1648, 1677, 1678, 1679, 1682, 1693, 1700, 1784, 1833, 1862, 1900
45. **liver, kidney** liver, kidney (including urine)  
1501, 1502, 1506, 1515, 1516, 1519, 1520, 1521, 1523, 1530, 1532, 1534, 1535, 1541, 1542, 1549, 1550, 1553, 1558, 1562, 1563, 1564, 1565, 1573, 1577, 1578, 1581, 1585, 1588, 1589, 1590, 1591, 1594, 1596, 1599, 1600, 1602, 1603, 1604, 1605, 1609, 1611, 1623, 1624, 1628, 1632, 1634, 1636, 1639, 1640, 1648, 1655, 1656, 1659, 1660, 1661, 1662, 1666, 1667, 1668, 1670, 1673, 1678, 1679, 1680, 1682, 1683, 1684, 1689, 1690, 1696, 1704, 1708, 1709, 1710, 1715, 1716, 1717, 1718, 1719, 1722, 1725, 1745, 1747, 1748, 1749, 1750, 1751, 1752, 1755, 1756, 1757, 1758, 1759, 1768, 1770, 1774, 1777, 1782, 1785, 1786, 1794, 1795, 1800, 1807, 1808, 1816, 1817, 1819, 1820, 1828, 1830, 1832, 1835, 1836, 1841, 1845, 1846, 1850, 1857, 1858, 1859, 1862, 1863, 1866, 1867, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1884, 1889, 1894, 1896, 1902, 1903, 1904, 1906, 1909, 1911, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1921, 1924, 1925, 1926, 1927, 1932, 1937, 1941, 1945, 1946, 1948, 1950, 1952, 1953, 1955, 1956, 1957
46. **metab. proc.** metabolic processes  
1501, 1502, 1506, 1509, 1510, 1511, 1513, 1514, 1515, 1517, 1521, 1525, 1533, 1534, 1535, 1536, 1537, 1541, 1544, 1549, 1553, 1555, 1556, 1561, 1570, 1573, 1575, 1577, 1579, 1581, 1582, 1586, 1588, 1589, 1590, 1593, 1599, 1602, 1603, 1604, 1609, 1610, 1620, 1624, 1625, 1632, 1634, 1635, 1636, 1639, 1642, 1643, 1644, 1651, 1654, 1655, 1656, 1657, 1658, 1659, 1662, 1663, 1665, 1667, 1669, 1670, 1673, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1684, 1688, 1689, 1693, 1702, 1708, 1709, 1710, 1716, 1719, 1724, 1725, 1726, 1729, 1733, 1734, 1739, 1742, 1743, 1744, 1746, 1751, 1753, 1755, 1757, 1758, 1759, 1768, 1770, 1771, 1772, 1773, 1774, 1776, 1777, 1784, 1786, 1789, 1795, 1803, 1814, 1826, 1827, 1832, 1833, 1836, 1837, 1839, 1840, 1845, 1847, 1850, 1852, 1853, 1854, 1860, 1863, 1865, 1866, 1867, 1869, 1872, 1873, 1874, 1875, 1876, 1878, 1879, 1881, 1882, 1884, 1889, 1898, 1901, 1913, 1914, 1915, 1917, 1918, 1919, 1923, 1924, 1925, 1926, 1927, 1928, 1930, 1931, 1932, 1935, 1936, 1946, 1948, 1949, 1953, 1956, 1958
47. **nerv. syst.** nervous system, other than CNS  
1559, 1692, 1732, 1821, 1823, 1848, 1870, 1895
48. **respir.** respiration, including breath  
1550, 1559, 1646, 1672, 1733, 1766, 1781, 1838, 1844, 1848
49. **senses** senses and sensation  
1583, 1779, 1880, 1900
50. **skel., muscle, skin** skeleton, muscle, skin  
1559, 1583, 1596, 1616, 1646, 1692, 1732, 1801, 1813, 1820, 1861, 1905, 1910, 1921, 1937

#### COMPOUNDS INTERACTING WITH ALCOHOL

51. **alcohols** alcohols, other than ethanol, such as methanol, propanol, etc.  
1501, 1510, 1511, 1517, 1533, 1538, 1575, 1621, 1639, 1644, 1772, 1773, 1787, 1833, 1837, 1860, 1863, 1909, 1941
52. **amphetamines** amphetamines (dexamphetamine, methamphetamine, etc.)  
1503, 1546, 1550, 1592, 1665, 1671, 1697, 1780, 1843, 1949
53. **analg., antipyret.** analgesics and antipyretics (APC, phenacetin, etc.)  
1568, 1573, 1613, 1618, 1630, 1666, 1668, 1712, 1713, 1737, 1746, 1764, 1769, 1775, 1778, 1799, 1801, 1811, 1848, 1850, 1874, 1875, 1876, 1878, 1879, 1930, 1931
54. **anesthetics** anesthetics (butamin, ether, cocaine, etc.)  
1514, 1606, 1607, 1608, 1612, 1648, 1658, 1692, 1714, 1842, 1877, 1878, 1890
55. **anticonvulsants** anticonvulsants (carbamazepine, phenytoin, etc.)  
1802, 1862, 1880
56. **antidepressants** antidepressants (desimipramine, prolintane, etc.)  
1544, 1619, 1638, 1723, 1734, 1736, 1775, 1797, 1798, 1935
57. **anti-infectants** anti-infectants (penicillin, cycloserine, etc.)  
1506, 1541, 1570, 1585, 1610, 1614, 1618, 1627, 1631, 1649, 1650, 1660, 1661, 1689, 1694, 1716, 1719, 1734, 1735, 1760, 1774, 1795, 1846, 1858, 1878, 1888, 1896, 1924, 1935, 1941, 1945, 1958

58. **antispasmodics** antispasmodics (ethyl acetate, papaverine, etc.)  
1775, 1837, 1878, 1920
59. **autocoids** autocoids (antihistamine, clemizole, etc.)  
1878
60. **autonomic agents** autonomic agents (parasympatholytics, parasympathomimetics, sympatholytics, sympathomimetics)  
1614, 1861, 1922, 1959
61. **barbiturates** barbiturates (barbital, secobarbital, etc.)  
1504, 1514, 1520, 1542, 1544, 1545, 1562, 1571, 1573, 1574, 1579, 1580, 1581, 1582, 1592, 1594, 1597, 1600, 1601, 1605, 1613, 1614, 1618, 1620, 1625, 1634, 1640, 1647, 1668, 1690, 1694, 1716, 1718, 1731, 1739, 1744, 1753, 1756, 1774, 1777, 1785, 1786, 1789, 1794, 1800, 1834, 1850, 1857, 1862, 1927, 1928, 1936, 1946, 1949, 1950, 1955
62. **coagulants** blood formation and coagulation agents, or anticoagulation agents (oxalic acid, phenprocoumon, etc.)  
1553, 1721, 1734, 1856, 1858
63. **cardiovasc. agents** cardiovascular agents (digitalis, dopamine, etc.)  
1550, 1653, 1727, 1776, 1780, 1798, 1810, 1813, 1821, 1941
64. **diagnost. agents** diagnostic agents (sodium benzoate, sodium iodide, etc.)  
1729, 1861
65. **elect., water-bal. agents** electrolyte and water-balance agents (diuretics, ions, glucose, etc.)  
1550, 1618, 1758, 1878
66. **enzymes** enzymes (monoamine oxidase inhibitors, iproniazid, etc.)  
1871, 1895
67. **gastrointest. agents** gastrointestinal agents (meclozine, glutamic acid, etc.)  
1518, 1522, 1613, 1649, 1650, 1667, 1708, 1802, 1816, 1845, 1888, 1949
68. **hallucinogens** hallucinogens (cannabis, lysergide, etc.)  
1524, 1554, 1559, 1577, 1583, 1593, 1598, 1614, 1620, 1634, 1665, 1671, 1685, 1694, 1700, 1705, 1731, 1734, 1764, 1765, 1774, 1775, 1783, 1791, 1793, 1812, 1831, 1840, 1864, 1882, 1891, 1892, 1900, 1906, 1912, 1935, 1943, 1944, 1960
69. **hormones, hormone antag.** hormones and hormone antagonists (ACTH, insulin, etc.)  
1507, 1541, 1550, 1563, 1564, 1565, 1569, 1576, 1590, 1626, 1634, 1636, 1662, 1677, 1678, 1679, 1680, 1681, 1682, 1688, 1689, 1695, 1703, 1708, 1724, 1725, 1726, 1733, 1734, 1757, 1775, 1784, 1820, 1878, 1889, 1893, 1907, 1938, 1939
70. **indust. intox.** industrial intoxicants (carbon monoxide, gasoline, etc.)  
1512, 1525, 1532, 1539, 1555, 1570, 1596, 1642, 1643, 1648, 1665, 1693, 1696, 1707, 1717, 1722, 1727, 1733, 1770, 1814, 1819, 1837, 1841, 1868, 1888, 1901, 1902, 1918, 1919, 1932, 1941, 1953
71. **miscellaneous** miscellaneous compounds used in manufacturing or not otherwise specified  
1529, 1530, 1531, 1535, 1536, 1537, 1540, 1541, 1558, 1561, 1587, 1589, 1595, 1599, 1609, 1629, 1632, 1634, 1641, 1645, 1651, 1652, 1655, 1656, 1659, 1672, 1696, 1702, 1704, 1706, 1710, 1715, 1716, 1719, 1745, 1747, 1750, 1751, 1756, 1759, 1767, 1768, 1777, 1780, 1798, 1810, 1817, 1832, 1835, 1836, 1846, 1847, 1852, 1853, 1854, 1855, 1857, 1870, 1872, 1888, 1894, 1896, 1897, 1904, 1905, 1911, 1913, 1914, 1915, 1916, 1919, 1921, 1929, 1935, 1943, 1948, 1957
72. **musculoskel. agents** musculoskeletal agents (antirheumatics, muscle relaxants, etc.)  
1760, 1777, 1878, 1941
73. **neoplast. agents** neoplastic agents (alloxan, urethane, etc.)  
1878
74. **nutritive agents** nutritive agents (vitamins, etc.)  
1508, 1513, 1556, 1578, 1586, 1589, 1602, 1609, 1616, 1634, 1651, 1665, 1667, 1673, 1676, 1683, 1698, 1708, 1744, 1768, 1779, 1802, 1822, 1826, 1827, 1828, 1878, 1901, 1913, 1915
75. **sed. hypnot.** sedatives and hypnotics (excluding barbiturates), such as apronal, glutethimide, etc.  
1514, 1544, 1548, 1550, 1562, 1571, 1573, 1574, 1581, 1592, 1594, 1618, 1620, 1625, 1633, 1640, 1644, 1651, 1668, 1669, 1684, 1686, 1688, 1689, 1690, 1694, 1734, 1739, 1753, 1756, 1775, 1777, 1778, 1784, 1785, 1789, 1794, 1800, 1806, 1834, 1844, 1848, 1850, 1857, 1858, 1862, 1878, 1883, 1884, 1885, 1927, 1928, 1935, 1936, 1941, 1943, 1950
76. **stimulants** stimulants, excluding amphetamines (pemoline, caffeine, etc.)  
1503, 1504, 1505, 1514, 1524, 1550, 1591, 1592, 1634, 1664, 1665, 1697, 1731, 1766, 1775, 1826, 1827, 1851, 1858, 1878
77. **tranquilizers** tranquilizers (chlordiazepoxide, reserpine, etc.)  
1504, 1527, 1543, 1547, 1548, 1549, 1550, 1551, 1552, 1557, 1571, 1613, 1614, 1615, 1617, 1628, 1634, 1635, 1649, 1650, 1651, 1665, 1669, 1674, 1675, 1689, 1694, 1697, 1701, 1711, 1723, 1724, 1730, 1731, 1734, 1739, 1741, 1762, 1763, 1774, 1775, 1784, 1794, 1796, 1797, 1829, 1858, 1861, 1878, 1925, 1926, 1927, 1928, 1934, 1935, 1942, 1943
78. **unclass. ther. agents** unclassified therapeutic agents (disulfiram, mercury iodide, etc.)  
1503, 1509, 1515, 1521, 1523, 1528, 1534,

1539, 1540, 1548, 1550, 1551, 1552, 1574,  
1585, 1611, 1614, 1617, 1618, 1622, 1646,  
1651, 1654, 1659, 1660, 1665, 1667, 1670,  
1681, 1689, 1696, 1699, 1709, 1715, 1716,  
1718, 1733, 1738, 1748, 1761, 1774, 1776,  
1780, 1790, 1802, 1818, 1825, 1834, 1838,  
1839, 1851, 1865, 1873, 1886, 1898, 1899,  
1923, 1935, 1940, 1949, 1951, 1956, 1957



# DRUG INDEX

- 8-Acetamido-6-methoxyquinoline (N)  
1748
- Acetanilide (C)  
1666
- Acetate (N)  
1759
- Acetazolamine (R)  
1550
- N-Acetyl glucosamine (N)  
1802
- [3-(4-Acetylpyridinio) propyl]-adenosine  
pyrophosphate (N)  
1952
- Acetylsalicylic acid (C)  
1568, 1712, 1713, 1737, 1764, 1769, 1799,  
1811
- Adrenaline (P)  
1734, 1949
- Alanine (C)  
1708
- Aldol (C)  
1941
- 6-Allyl-1, 2-dimethoxybenzene (N)  
1888
- 4-Allyl-2, 6-demethoxyphenol (N)  
1888
- Alprenolol (N)  
1653
- 8-(4'-Aminobutylamino)-6-methoxyquinoline  
(N)  
1748
- 4-Aminobutyric acid (C)  
1744
- 8-(3'-Amino-1'-methoxypropylamino)-6-  
methoxyquinoline (N)  
1748
- 8-Amino-6-methoxyquinoline (N)  
1748
- 4-4'-Amino-1'methylbutylamino)-7-chloroquino-  
line (N)  
1748
- Aminophenazone (R)  
1573, 1618, 1668, 1712, 1713, 1874, 1875,  
1876
- p-Aminophenoxyalkanes (N)  
1817
- Aminopyrine -- see Aminophenazone
- Aminosalicylic acid (P)  
1660
- 3-Amino-1, 2, 4-triazole (N)  
1632, 1715, 1716, 1857, 1916
- Amitriptyline (R)  
1638
- Amobarbital (P)  
1514, 1574, 1592, 1739, 1784
- Amphetamine (R)  
1503, 1546, 1550, 1697, 1780, 1949
- d-Amphetamine -- see Dexamphetamine  
sulfate
- dl-Amphetamine -- see Amphetamine
- Amphetamines (N)  
1843
- Ampicillin (P)  
1541
- Analgesics (N)  
1775, 1878
- Anesthetics (N)  
1714, 1775, 1877, 1878, 1890
- Anethole (C)  
1888
- o-Anethole (N)  
1888



- Aniline (C)  
1573, 1577
- Antianginals (N)  
1734
- Antiasthmatics (N)  
1878
- Antibacterial agents (N)  
1734, 1858
- Anticoagulants (N)  
1689, 1721, 1734, 1858, 1878
- Anticonvulsants (N)  
1878
- Antidepressants (N)  
1723, 1734, 1775, 1935
- Antidiabetic agents (N)  
1689, 1734, 1878
- Antiemetics (N)  
1878
- Antiepileptics (N)  
1775, 1878
- Antihistamines (N)  
1649, 1650, 1689, 1734, 1774, 1858, 1878, 1935
- Antihypertensives (N)  
1734, 1858
- Antimycin A (C)  
1719
- Antineuralgics (N)  
1878
- Antipyretics (N)  
1878
- Antipyrine -- see Phenazone
- Appetite suppressants (N)  
1878
- Apronalide (N)  
1618
- Asarone (C)  
1888
- Aspirin -- see Acetylsalicylic acid
- Atropine (C)  
1613, 1614, 1734, 1922, 1949
- Barbital (R)  
1514, 1669
- Barbiturates (N)  
1504, 1520, 1545, 1597, 1634, 1647, 1665, 1716, 1731, 1774, 1850, 1949
- Bemcgride (R)  
1591, 1766, 1838
- Benzene (C)  
1837
- Benzodiazepine derivatives (C)  
1675, 1796
- Benzopyrene (C)  
1857
- Benzyl alcohol (C)  
1941
- Bromethol (P)  
1941
- Bromides (N)  
1823
- 4-Bromo-pyrazole -- see Pyrazole derivatives
- Bromureides (N)  
1947
- Buclozine (N)  
1649, 1650
- 1, 4-Butanediol (N)  
1530
- 1-Butanol (C)  
1837, 1941
- 2-Butanol (C)  
1837
- n-Butyl acetate (C)  
1837
- n-Butyraldoxime (N)  
1911
- Butyrolactone (C)  
1530, 1782
- Butyrophenone derivatives (C)  
1674
- Caffeine (C)  
1503, 1505, 1587, 1591, 1665, 1764, 1826, 1827, 1851
- Calcium glucose-1-phosphate (N)  
1937
- Cannabis (C)  
1524, 1583, 1685, 1705, 1731, 1765, 1783, 1791, 1793, 1840, 1864, 1891, 1912, 1943, 1960
- Carbamazepine (P)  
1844, 1880
- 1-Carbamoylbenzodiazepines -- see Benzodiazepine derivatives
- Carbon disulfide (C)  
1699
- Carbon monoxide (C)  
1665
- Carbon tetrachloride (C)  
1532, 1717, 1722, 1901, 1918, 1919

- Carnitine (C)  
1802
- Chloral hydrate (C)  
1644, 1684, 1686, 1806, 1883, 1884, 1885,  
1941
- Chloramphenicol (P)  
1631, 1958
- Chlorcyclizine (P)  
1716, 1718, 1896, 1945
- Chlordiazepoxide (R)  
1527, 1547, 1550, 1551, 1613, 1614, 1615,  
1649, 1650, 1694, 1701, 1730, 1741
- Chlormezanone (R)  
1760
- Chlorodyne (C)  
1904
- Chloroethane (C)  
1648
- Chloroform (C)  
1859
- Chlorophenylalanine (N)  
1702, 1780, 1802
- 2, 2-bis (p-Chlorophenyl) ethanol (N)  
1909
- Chloroquine (R)  
1748
- Chloroquine diphosphate (C)  
1618
- 8-Chlorotheophylline (N)  
1503
- Chlorpheniramine (P)  
1503
- Chlorpromazine (P)  
1549, 1550, 1552, 1617, 1635, 1649, 1650,  
1665, 1697, 1711, 1739, 1797, 1861, 1928,  
1942
- Choline bitartrate (N)  
1802
- Cibalgin (N)  
1618
- Citrated calcium carbimide (C)  
1651
- Citric acid (C)  
1779
- Clofibrate (R)  
1670, 1681, 1709
- Clomethiazole (P)  
1548, 1739, 1928, 1933
- Clorindione (R)  
1856
- Cobalt (C)  
1512, 1596
- Cocaine (C)  
1524
- Codeine (C)  
1559, 1634, 1764, 1944
- Coprinus atramentarius (N)  
1584, 1733, 1781
- Cyanamide (C)  
1509
- Cyanic acid (C)  
1733
- Cyclohexanol (C)  
1941
- Cycloserine (R)  
1660, 1956
- Cyclozine (N)  
1650
- Cyheptamide (P)  
1641
- Cyproheptadine (P)  
1503, 1735
- Cyprolidol (P)  
1790
- DDT (C)  
1595, 1896
- Dehydrobenzperidol (P)  
1608
- Deoxycholate (N)  
1716
- Desipramine (R)  
1736
- Desmethylecarnitine (N)  
1802
- Desmethyldiazepam (N)  
1741
- Deuterium oxide (N)  
1870
- Dexamphetamine sulfate (C)  
1503, 1514, 1591, 1592, 1664
- Dexamphetamine (P)  
1524, 1665
- Dexedrine -- see Dexamphetamine
- Dextropropoxyphene (P)  
1634
- Dextropropranolol (N)  
1951
- Diamorphine (P)  
1524, 1554, 1906

Diarginine ketoglutarate (N)  
1571, 1572

Diazepam (R)  
1547, 1550, 1551, 1574, 1614, 1615, 1675,  
1694, 1701, 1730, 1739, 1741, 1762, 1763,  
1784, 1796, 1797, 1829, 1928, 1934

Dibenamine (C)  
1776, 1861

3, 4-Dibromo-pyrazole -- see Pyrazole  
derivatives

1, 2-Dichloroethylene (C)  
1648

2, 4-Dichloro-6-phenoxyethylamine (N)  
1857

Dieldrin (P)  
1921

Diethanolamine (C)  
1539, 1643, 1727, 1868

2, 6-Difluorobenzodiazepinone (N)  
1741

Digitonin -- see Gitalin

Digoxin (P)  
1821

Dihydroergotamine methanesulfonate (C)  
1776

3, 4-Diiodo-pyrazole -- see Pyrazole  
derivatives

Dimenhydrinate (P)  
1503

Dimethoxyethylamine (N)  
1539

9, 10-Dimethyl-1, 2-benzanthracene (C)  
1905

3, 5-Dimethyl-pyrazole -- see Pyrazole  
derivatives

Dimethyl sulfoxide (P)  
1570, 1696, 1953

Diphenhydramine (R)  
1503, 1634, 1760

Diphenylhydantoin (C)  
1688

N, N'-Diphenyl-p-phenylenediamine (C)  
1602, 1603, 1604

Disulfiram (P)  
1509, 1540, 1617, 1651, 1659, 1665, 1667,  
1733, 1774, 1839, 1865, 1935, 1949

Disulfiram derivatives (N)  
1733

DOPA (C)  
1537, 1540, 1798

Dopamine (C)  
1798

Doxapram (R)  
1591

Doxepine (P)  
1792

Doxylamin succinate (C)  
1503

Drinamyl (N)  
1524

Durian (N)  
1822

Dyflos (P)  
1959

Edetic acid (R)  
1696

Elemicin (N)  
1888

Ellagic acid (C)  
1929

Embran (N)  
1849

Enibomal (P)  
1850

Erythromycin (P)  
1631

Estragole (C)  
1888

o-Estragole (C)  
1888

Ethamivan (P)  
1591

Ethanolamine (C)  
1696

Ethchlorovynol (P)  
1633

Ether (C)  
1692

Ethionamide (P)  
1660, 1738

Ethionine (C)  
1515, 1523

Ethyl acetate (C)  
1837

Ethylene glycol (C)  
1525, 1642, 1819

Ethylmorphine (C)  
1577

Eugenol (C)  
1888

- Eugenol methyl ether (N)  
1888
- Eunarcon -- see Enibomal
- Fenfluramine (P)  
1949
- Fentanyl (P)  
1566, 1608
- FI 6654 (N)  
1908
- Flumetasone (R)  
1534
- Flumethazine (N)  
1797
- Flunidazole (N)  
1657
- Fluorodinitrobenzene (C)  
1729
- Formaldehyde (C)  
1567, 1661
- Fructose (C)  
1508, 1513, 1556, 1578, 1586, 1589, 1616,  
1634, 1665, 1667, 1673, 1698, 1708, 1768,  
1802, 1826, 1827, 1901, 1913, 1915
- Furazolidone (R)  
1570
- Furosemide (P)  
1550
- G-50 (butylated hydroxytoluene + butylated  
hydroxyanisole + propyl gallate + vegetable  
oil + monoglyceride citrate + propylene glycol)  
(N)  
1602
- Gitalin (P)  
1715, 1716
- Glibenclamide (N)  
1507, 1569, 1576, 1590, 1626, 1907, 1938,  
1939
- Glucose (C)  
1609, 1826, 1827, 1901
- Glutamine (C)  
1802
- Glutethimide (R)  
1800
- Glyceraldehyde (C)  
1589, 1768, 1915
- Glycerol (R)  
1667, 1708, 1816, 1845
- Glymidine sodium (P)  
1590
- GP 41299 (N)  
1529, 1687, 1824
- Hallucinogens (N)  
1731
- Haloperidol (R)  
1550, 1739, 1797
- Halothane (P)  
1658
- Hashish -- see Cannabis
- Heroin -- see Diamorphine
- Hexachlorobenzene (C)  
1693
- Hexanoate (N)  
1759
- Hexobarbital (R)  
1571, 1573, 1669, 1753, 1756, 1777, 1789,  
1850, 1936
- Hormones (N)  
1541
- Hyaluronidase (C)  
1871
- Hydantoin (C)  
1659
- Hydroxybutyrate (N)  
1782, 1887
- $\gamma$ -Hydroxybutyric acid (N)  
1530
- 3- $\alpha$ -Hydroxy-5 $\beta$ -choanoic acid -- see  
Lithocholic acid
- Hydroxyhippuric acid (N)  
1548
- 5-Hydroxymethyl-2-furaldehyde (C)  
1941
- Hydroxyzine (R)  
1649, 1650
- Hyoscine (P)  
1614
- Hypnotics (N)  
1651, 1734, 1775, 1858, 1878, 1935
- Hypoglycemic agents (N)  
1858
- IC1 45337 (N)  
1940
- Imidazole (C)  
1852
- Imidazole derivatives (N)  
1852
- Imipramine (R)  
1503, 1736, 1797
- Indalitan -- see Clorindione

Insulin (C)  
1550, 1775, 1784

4-Iodo-pyrazole -- see Pyrazole  
derivatives

Iproniazid (P)  
1544

Iron (C)  
1841, 1902

Isocyanic acid (C)  
1733

Isoeugenol (C)  
1888

Isoeugenol methyl ether (N)  
1888

Isomyristicin (N)  
1888

Isoniazid (P)  
1585, 1618, 1659, 1660, 1761, 1873, 1935

Isonicotinic acid hydrazide -- see Isoniazid

Isopentaquine (C)  
1748

Isopropyl alcohol (C)  
1621

Isosafrole (C)  
1888

Isothiocyanic acid (N)  
1733

Kö 592 (N)  
1623, 1624

Lasiocarpine (N)  
1835

Laxatives (N)  
1518

L-DOPA -- see DOPA

Lead (C)  
1770

Levomepromazine (P)  
1543

Levorphanol (P)  
1900

Lincomycin (R)  
1631

Liothyronine (P)  
1636

Lithocholic acid (C)  
1853

Lysergic acid diethylamide -- see Lysergide

Lysergide (R)

1524

Marcoumar -- see Phenprocoumon

Marijuana -- see Cannabis

Meclozine (N)  
1735, 1760

Meclozine (P)  
1649, 1650

Mepacrine (R)  
1618

Mepicridine (P)  
1613

Mephensin (R)  
1941

Meprobamate (R)  
1504, 1548, 1550, 1557, 1571, 1628, 1649,  
1650, 1665, 1669, 1724, 1730, 1794, 1925,  
1926, 1927

Meractinomycin (R)  
1776

Mercury (C)  
1814

Metformin (C)  
1550

Methadone (R)  
1524, 1665

Methamphetamine (P)  
1524, 1665, 1671

Methanol (C)  
1510, 1511, 1517, 1575, 1639, 1772, 1773,  
1787, 1833, 1860

Methapyrilene (R)  
1627

Methaqualone (R)  
1548, 1844

Methedrine -- see Methamphetamine

Methionine (R)  
1802

Methohexital (R)  
1607, 1608, 1612

Methohexitone -- see Methohexital

Methotrexate (R)  
1646

Methyl acetate (C)  
1837

Methyl alcohol -- see Methanol

Methyl butyl ketone (C)  
1837

Methyldopa (R)



1780

Methylene blue (P)  
1846, 1924Methyl ethyl ketone (C)  
18373-Methyl-4-iodopyrazole -- see Pyrazole  
derivativesMethylpentynol (R)  
1550Methylphenidate (R)  
1503, 15911-Methyl-pyrazole -- see Pyrazole  
derivatives3-Methyl-pyrazole -- see Pyrazole  
derivatives4-Methyl-pyrazole -- see Pyrazole  
derivatives $\alpha$ -Methyl-m-tyramine (C)  
1503Methyltyrosine (C)  
1537, 1780 $\alpha$ -Methyl-p-tyrosine methyl ester  
hydrochloride (N)  
1560Metronidazole (R)  
1570, 1586, 1949Metyrapone (R)  
1588Monoamine oxidase inhibitors (N)  
1895Monoethanolamine (N)  
1727Morphine (C)  
1550, 1620, 1634, 1665, 1694, 1700, 1734,  
1774, 1778, 1848, 1882Morphine derivatives (C)  
1593Muscle relaxants (N)  
1878

Myanesin -- see Mephesisin

Myristicin (N)  
1888Naloxone (R)  
1654Neostigmine (P)  
1622Nervogastrol (N)  
1691

Neuroleptics (N)

1723, 1775, 1878, 1935

Nialamide (R)  
1798Nicotine (C)  
1531, 1706, 1707, 1943Nicotinic acid (C)  
1802Nicotiny alcohol (C)  
1941Nifuroxazide (P)  
1570Nikethamide (R)  
1550, 1591, 1766o-Nitranisol (N)  
1830p-Nitranisol (N)  
1830Nitrazepam (P)  
1521, 1550, 1551, 18444-Nitro-3, 5-dimethyl-pyrazole -- see Pyrazole  
derivativesNitrofural (P)  
1570Nitrofurantoin (R)  
15704- Nitro-imidazole -- see Imidazole  
derivativesNitrophenazine (N)  
1570

4-Nitro-pyrazole -- see Pyrazole derivatives

Nitrosodimethylamine (C)  
1835Nitrothiamidazole (N)  
1570Nitrous oxide (C)  
1842Noramidopyrine methanesulfonate  
sodium (P)  
1712, 1713Norphenazone (N)  
1850Novalgin -- see Noramidopyrine methane-  
sulfonate sodium

Novocaine -- see Procaine

Oligomycin (C)  
1719Opiates (N)  
1731, 1775, 1935

- Ouabain (C)  
1813
- P 1961 (N)  
1815
- P 4657A (N)  
1942
- Pabialgin (N)  
1712, 1713
- Palmitoylethanolamide (N)  
1728, 1881
- Pamaquine (R)  
1748
- Papaveretum -- see Papaverine
- Papaverine (C)  
1614
- Paraldehyde (C)  
1665, 1739
- Parathion (C)  
1932
- Pargyline (R)  
1923
- Pentaquine (C)  
1748
- Pentenoic acid (N)  
1867
- Pentetrazole (R)  
1503, 1591, 1766
- Pentobarbital (R)  
1514, 1573, 1579, 1580, 1581, 1582, 1601,  
1613, 1614, 1620, 1625, 1669, 1694, 1744,  
1794, 1834, 1927, 1928, 1946
- Pentobarbitone -- see Pentobarbital
- Pethidine (P)  
1614, 1694
- Phenacetin (R)  
1764
- 1,10-Phenanthroline (C)  
1634, 1903, 1941, 1957
- Phenazone (R)  
1850, 1879, 1930, 1931
- Phenelzine (P)  
1619
- Phenformin (P)  
1662, 1695, 1703, 1726, 1893
- Pheniramine aminosalicylate (C)  
1735
- Phenmetrazine (P)  
1503
- Phenobarbital (R)  
1514, 1542, 1544, 1562, 1579, 1580, 1582,  
1594, 1600, 1605, 1618, 1640, 1668, 1669,  
1688, 1690, 1716, 1718, 1753, 1756, 1785,  
1786, 1789, 1800, 1850, 1857, 1862, 1950
- Phenobarbitone -- see Phenobarbital
- Phenoglycolole (N)  
1649, 1650
- Phenoxybenzamine (R)  
1861
- Phenprocoumon (R)  
1856
- Phentolamine (R)  
1776, 1861
- Phenylbutazone (R)  
1618
- Phenytoln (R)  
1862
- Physostigmine (C)  
1622
- Piniethixene (P)  
1740
- Pipradol (R)  
1503
- Potassium cyanide (C)  
1715
- Prednisolone (R)  
1665
- Prethcamide (C)  
1825, 1838
- Primaquine (R)  
1748
- Proadifen (P)  
1715, 1716
- Procaine (P)  
1801
- Prochlorperazine (R)  
1942
- Promethazine (R)  
1522, 1614, 1649, 1650, 1681, 1694, 1861
- Promill-Ex (yeast+ fatty acids+ caffeine  
extract) (N)  
1665
- Propanediol derivatives (N)  
1941
- Propanidid (P)  
1606, 1607, 1608
- 1-Propanol (C)  
1501, 1837
- 2-Propanol (C)  
1501, 1837

Propranolol (P)  
1611, 1776, 1818, 1834, 1899, 1951

Propylene glycol (P)  
1555, 1683

Propylthiouracil (R)  
1636, 1679, 1681

Prothanon (N)  
1522

Puromycin (P)  
1506, 1776, 1958

Pyramidon -- see Aminophenazone

Pyrazinamide (C)  
1660

Pyrazole (C)  
1530, 1536, 1558, 1561, 1599, 1609, 1629,  
1632, 1634, 1651, 1652, 1655, 1656, 1696,  
1704, 1710, 1715, 1716, 1719, 1745, 1747,  
1750, 1751, 1756, 1810, 1832, 1846, 1847,  
1852, 1853, 1854, 1855, 1857, 1894, 1897,  
1911, 1913, 1916, 1919, 1935, 1941, 1957

Pyrazole derivatives (N)  
1535, 1536, 1541, 1655, 1747, 1852, 1853,  
1854, 1855, 1869, 1914

Pyrrithinol hydrochloride (N)  
1526

Pyruvates (N)  
1708, 1802

Quinacrine -- see Mepacrine

Quinine (C)  
1734, 1779

Reserpine (R)  
1550, 1776, 1780, 1798, 1810

RO 54528 -- see Benzodiazepine derivatives

Rotenone (C)  
1719

Rutin -- see Rutoside

Rutoside (R)  
1539, 1643, 1868

Safrole (C)  
1888

Salicylate (N)  
1746

Salicylic acid (C)  
1548, 1851

Saridon (N)  
1618

Scopolamine (C)  
1734

Succobarbital (R)  
1592, 1955

Sedatives (N)  
1689, 1734, 1858, 1878, 1935, 1943

Silymarin (N)  
1836

SKF 525-A -- see Proadifen

Sobaro (charcoal + kaolin + vitamin C)  
(N) 1528

Sodium azide (C)  
1715, 1916, 1957

Sodium chloride (C)  
1779

Sodium deoxycholate (N)  
1715

Sodium formate (C)  
1916

Sodium glutamate (C)  
1802

Sodium pentobarbital -- see Pentobarbital

Sodium succinate (C)  
1802

Sodium sulfide (C)  
1696

Sodium taurodeoxycholate (N)  
1645

Somatotropin (C)  
1820

Sorbitol (C)  
1677, 1678, 1680, 1682, 1708, 1757, 1758

Sotalol (N)  
1672

Sparsomycin (R)  
1958

Spasmophen (N)  
1920

Spices (N)  
1767, 1872

Spironolactone (R)  
1886

Stimulants (N)  
1504, 1634, 1731, 1775, 1858, 1878

Streptomycin (R)  
1585, 1660

Streptozotocin (C)  
1610

Sugars (N)  
1513, 1779, 1827

Sulfonamides (N)  
1733, 1865

Sulfonylurea preparations (N)  
1509, 1877, 1935

Sulphonylureas -- see Sulfonylurea preparations

Sympathomimetic agents (N)  
1878

Tannin (C)  
1795

Tetrahydrocannabinol (C)  
1598, 1812, 1831, 1892

Tetrodotoxin (N)  
1910

Theophylline (C)  
1550

Thiobarbiturates (N)  
1607

Thiobutabarbital (N)  
1606, 1607, 1608

Thiobutobarbitone -- see Thiobutabarbital

Thiocyanic acid (C)  
1733

Thiopental sodium (R)  
1514, 1606, 1608

Thiopentone -- see Thiopental sodium

Thiopropazine (P)  
1942

Thiothixene -- see Tiotixene

Thiourea (C)  
1898, 1941

Threonine (C)  
1802

Thymoleptics (N)  
1878

Tiotixene (P)  
1942

$\alpha$ -Tocopherol (C)  
1602, 1683, 1828

Tocopheronolactone (N)  
1683

Tolbutamide (R)  
1550, 1563, 1564, 1565, 1590, 1634, 1688,  
1724, 1725, 1734, 1889

Tranquilizers (N)  
1634, 1651, 1689, 1723, 1731, 1734, 1774,  
1775, 1858, 1878, 1935, 1943

Triamcinolone (R)  
1924

3, 4, 5-Tribromo-pyrazole -- see Pyrazole derivatives

1, 1, 2, 2-Trichloroethane (C)  
1648

Trichloroethanol (C)  
1644

Trichloroethylene (C)  
1630

Triethanolamine (C)  
1727

Trifluoroacetaldehyde (N)  
1502

Trifluoroacetic acid (N)  
1502

Trifluoroethanol (N)  
1502, 1533, 1863

3, 4, 5-Triiodo-pyrazole -- see Pyrazole derivatives

Triiodothyronine -- see Liothyronine

4, 4, 6-Trimethyl-3, 4-dihydropyrimidine-2-thiol (N)  
1839

Tripeleminamine hydrochloride (R)  
1503, 1649, 1650

Tryptophol (C)  
1629

Tubocurarine chloride (R)  
1732

Valtratum (N)  
1552

Viomycin (P)  
1660

Vitamins (N)  
1508, 1513, 1602, 1651, 1683, 1698, 1744,  
1827, 1828

Warfarin (C)  
1553, 1688, 1777

Xylitol (N)  
1948

Zoxazolamine (R)  
1669, 1777







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and other drugs

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